Length and Weight Data for Unmarked Juvenile Salmonids Sampled in the Campbell River Estuary and Discovery Passage, 1985

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LENGTH AND WEIGHT DATA FOR UNMARKED JUVENILE SALMONIDS SAMPLED IN THE CAMPBELL RIVER ESTUARY AND DISCOVERY PASSAGE, 1985

November 1986

by

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ABSTRACT

Kotyk, M. S., T. J. Brown, B. A. Kask, C. D. Levings, C. D. McAllister, and J. S. Macdonald. 1985. Length and weight data for unmarked juvenile salmonids sampled in the Campbell River estuary and Discovery Passage, 1985. Can. Data Rep. Fish. Aquat. Sci. 616: 29 p.

Data are presented on lengths and weights of unmarked juvenile pink, chum, coho, and chinook salmon sampled by beach seine in the Campbell River estuary and Discovery Passage in March to August 1985. Data are also provided on location, date, and time of capture.

RESUME

Kotyk, M. S., T. J. Brown, B. A. Kask, C. D. Levings, C. D. McAllister, and J. S. Macdonald. 1985. Length and weight data for unmarked juvenile salmonids sampled in the Campbell River estuary and Discovery Passage, 1985. Can. Data Rep. Fish. Aquat. Sci. 616: 29 p.

Les auteurs présentent des données sur la longeur et le poids de juvéniles non marqués de saumons roses, kétas, cohos et quinnats échantillonnés à la senne de rivage, de mars à août 1985, dans l'estuaire de la rivière Campbell et le passage Discovery. Des données sur le lieu, la data et l'heure des captures sont aussi présentées.

INTRODUCTION

In order to study the importance of estuarine habitats to juvenile salmonids, a beach seine sampling program was undertaken in the Campbell River estuary and Discovery Passage starting in March 1982. This report presents length and weight data for unmarked juvenile pink, chum, coho, and chinook salmon sampled in March to August 1985. Length and weight data for marked juvenile chinook salmon sampled in this study are presented in Kotyk et al. (1985 in prep).

SAMPLING PROCEDURES

Fish were caught using a 14.7 m beach seine with wings 4.9 m (1 cm stretched mesh), bunt 4.9 m (5 mm stretched mesh), and depth 3.0 m. The net was fitted with 15 m towing lines off the wings. Usually the net was pulled off the beach using a 5 m inflatable boat with a 60 hp outboard engine. The distance the net was taken offshore depended on local conditions such as currents, bottom topography, and floating obstacles (wharves, kelp beds) and therefore ranged from 5 to 15 m.

Catches were usually held in the bunt of the net while being subsampled. However, when numbers were too large for this to be feasible, they were held in floating cages (75 cm x 50 cm x 37 cm deep; 5 mm mesh size). Subsamples of the fish caught were fixed in 10% formalin. Fish were measured and weighed within 1 month of being captured; weighing was done on a Mettler PL 3000 balance.

SAMPLING LOCATIONS

Sampling was conducted at sites within the Campbell River estuary (Fig. 1), and Discovery Passage (Fig. 2). Descriptions of each of the sampling stations are presented in Brown et al. (1985). All stations occupied, including those where juvenile salmonids were not captured, are shown.

DATA

Length and weight data are presented as follows:

pink salmon (Oncorhynchus gorbuscha)..page 4 to 6
chum salmon (O. keta)..... page 6 to 11, 25
coho salmon (O. kisutch)..... page 11 to 13, 25
sockeye salmon (O. nerka)..... page 13
chinook salmon (O. tshawytscha)..... page 13 to 25

The data are presented in chronological order according to species, date and time with the exception of 39 fish at the end of page 25. The numbers of fish measured were: 206 pink, 559 chum, 141 coho, 23 sockeye, and 1331 chinook salmon.

The data in the tables are as follows:

DATE - sampling date (year, month, day)
STN - sampling station number
TIME PST - sampling time (Pacific Standard Time)
FISH NUMB - a code for identifying each fish sampled, within a particular month, consisting of the letter U and a 1 to 3 digit number
L - fork length in mm
WT - wet weight (after damp drying with paper towelling) in g
SP - species code (1 = pink; 2 = chum; 3 = coho; 4 = sockeye; 5 = chinook)
Missing data are indicated as -9.

The unmarked fish sampled in this study include both wild and hatchery-reared salmonids. Further analysis may allow separation of wild and hatchery stocks by size discrimination.

ACKNOWLEDGMENTS

Thanks are due to Paul Higgins who did the majority of measuring and weighing of the fish.

REFERENCES

Brown, T.J., C.D. McAllister, C.D. Levings, M.S. Kotyk, and J.S. Macdonald. 1985. Salmonid catch-data from Campbell River and Discovery Passage, 1985. Can. Data Rep. Fish. Aquat. Sci. (in prep).

Kotyk, M.S., T.J. Brown, B.A. Kask, C.D. Levings, C.D. McAllister, and J.S. Macdonald. 1985. Data record on coded wire tags recovered from juvenile salmonids at Campbell River estuary and Discovery Passage, 1985. Can. Data Rep. Fish. Aquat. Sci. (in prep).

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
850327	23	1110	U	23	44	.6	1
850328	3	1040	U	3	33	.2	1
850328	3	1040	U	4	32	.2	1
850328	11	1055	U	6	34	.3	1
850328	111	1100	U	7	33	.2	1
850328	111	1100	U	8	30	.1	1
850328	111	1100	U	9	32	.3	1
850328	111	1100	U	10	30	.3	1
850328	1	1235	U	19	29	.2	1
850328	1	1235	U	20	34	.2	1
850328	1	1235	U	21	31	.3	1
850410	1	1020	U	67	33	.1	1
850410	10	1055	U	19	33	.2	1
850410	10	1055	U	20	33	.3	1
850410	37	1220	U	29	34	.3	1
850410	37	1220	U	30	33	.3	1
850410	37	1220	U	31	34	.2	1
850410	37	1220	U	32	31	.2	1
850410	37	1220	U	33	30	.2	1
850410	37	1220	U	34	31	.2	1
850410	37	1220	U	35	31	.2	1
850410	37	1220	U	36	30	.3	1
850410	37	1220	U	37	32	.3	1
850410	37	1220	U	38	32	.2	1
850410	23	1500	U	40	40	.6	1
850410	23	1500	U	41	35	.4	1
850410	23	1500	U	42	32	.2	1
850410	23	1500	U	43	32	.2	1
850410	23	1500	U	44	31	.3	1
850410	23	1500	U	45	32	.2	1
850410	23	1500	U	46	33	.2	1
850410	23	1500	U	47	33	.3	1
850410	23	1500	U	48	34	.3	1
850410	23	1500	U	49	34	.5	1
850410	23	1500	U	50	34	.2	1
850410	23	1500	U	51	33	.2	1
850410	23	1500	U	52	35	.4	1
850410	23	1500	U	53	32	.2	1
850410	23	1500	U	54	33	.3	1
850410	23	1500	U	55	32	.4	1
850410	23	1500	U	56	34	.2	1
850410	23	1500	U	57	52	1.5	1
850424	32	1330	U	81	34	.4	1
850424	32	1330	U	82	35	.4	1
850424	32	1330	U	83	36	.3	1
850424	32	1330	U	84	38	.4	1
850424	32	1330	U	85	37	.5	1
850424	32	1330	U	86	36	.2	1
850424	32	1330	U	87	33	.4	1
850424	32	1330	U	88	38	.4	1

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
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850424	32	1330	U	90	34	.3	1
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850424	32	1330	U	92	35	.4	1
850424	32	1330	U	93	36	.5	1
850424	32	1330	U	94	37	.3	1
850424	32	1330	U	95	37	.4	1
850424	32	1330	U	96	33	.4	1
850424	32	1330	U	97	35	.5	1
850424	32	1330	U	98	35	.4	1
850424	32	1330	U	99	33	.3	1
850424	32	1330	U	100	37	.4	1
850424	25	1615	U	119	34	.4	1
850424	25	1615	U	120	36	.4	1
850424	25	1615	U	121	34	.4	1
850424	25	1615	U	122	33	.2	1
850425	32	0940	U	138	40	.6	1
850425	327	1135	U	151	37	.4	1
850425	327	1135	U	152	32	.2	1
850425	327	1135	U	153	36	.5	1
850425	327	1135	U	154	34	.3	1
850425	327	1135	U	155	34	.3	1
850425	327	1135	U	156	36	.3	1
850425	23	1340	U	169	31	.3	1
850425	23	1340	U	170	37	.5	1
850425	23	1340	U	171	33	.3	1
850425	23	1340	U	172	33	.3	1
850425	23	1340	U	173	31	.3	1
850425	23	1340	U	174	31	.1	1
850425	23	1340	U	175	39	.5	1
850425	23	1340	U	176	33	.3	1
850425	23	1340	U	177	35	.5	1
850508	27	1425	U	79	33	.2	1
850508	27	1425	U	80	45	.7	1
850508	27	1425	U	81	35	.3	1
850508	27	1425	U	82	34	.3	1
850508	27	1425	U	83	38	.6	1
850508	27	1425	U	84	36	.2	1
850508	27	1425	U	85	36	.5	1
850508	27	1425	U	86	38	.4	1
850508	27	1425	U	87	39	.7	1
850508	27	1425	U	88	38	.5	1
850508	27	1425	U	89	36	.4	1
850508	27	1425	U	90	41	.5	1
850508	27	1425	U	91	39	.5	1
850508	27	1425	U	99	39	.6	1
850508	35	1505	U	104	39	.5	1
850508	35	1505	U	105	38	.6	1
850508	35	1505	U	106	34	.3	1
850508	35	1505	U	107	39	.4	1

DATE	STN	TIME PST	FISH NUMB	LEN MM	WT G	SP
850508	35	1505	U 108	38	.6	1
850508	35	1505	U 109	40	.6	1
850508	35	1505	U 110	34	.4	1
850508	35	1505	U 111	35	.4	1
850508	35	1505	U 112	42	.6	1
850508	35	1505	U 113	36	.5	1
850508	35	1505	U 114	43	.7	1
850508	35	1505	U 115	36	.4	1
850508	35	1505	U 116	36	.4	1
850508	35	1505	U 117	38	.5	1
850508	35	1505	U 118	38	.6	1
850508	35	1505	U 119	38	.6	1
850508	35	1505	U 120	37	.5	1
850508	35	1505	U 121	34	.3	1
850508	35	1505	U 122	36	.4	1
850508	35	1505	U 125	31	.1	1
850508	20	1525	U 125	37	.3	1
850508	20	1525	U 126	37	.4	1
850508	20	1525	U 127	38	.4	1
850508	20	1525	U 128	33	.4	1
850508	20	1525	U 129	33	.2	1
850508	20	1525	U 130	35	.4	1
850508	20	1525	U 131	35	.5	1
850508	20	1525	U 132	34	.2	1
850508	20	1525	U 133	33	.2	1
850508	20	1525	U 134	34	.3	1
850508	4	1630	U 159	38	.5	1
850508	17	1650	U 166	45	.9	1
850508	17	1650	U 167	35	.6	1
850508	17	1650	U 168	38	.6	1
850508	17	1650	U 169	33	.4	1
850508	17	1650	U 170	40	.7	1
850508	17	1650	U 171	34	.3	1
850508	17	1650	U 172	33	.4	1
850522	292	1410	U 270	65	2.6	1
850522	292	1410	U 271	62	2.5	1
850522	292	1410	U 272	66	2.4	1
850522	292	1410	U 273	54	1.5	1
850522	292	1410	U 274	64	2.6	1
850522	292	1410	U 275	70	3.3	1
850522	292	1410	U 276	58	2.1	1
850522	292	1410	U 277	55	1.5	1
850522	292	1410	U 278	53	1.3	1
850522	292	1410	U 279	69	3.1	1
850522	292	1410	U 280	63	2.3	1
850522	11	1735	U 384	53	1.3	1
850523	31	1010	U 426	57	1.7	1
850523	31	1010	U 427	58	1.9	1
850523	31	1010	U 428	62	2.0	1
850523	31	1010	U 429	57	1.5	1
850523	31	1010	U 430	52	1.4	1
850523	31	1010	U 431	54	1.4	1
850523	31	1010	U 432	56	1.6	1
850523	31	1010	U 433	52	1.2	1
850523	31	1010	U 434	55	1.4	1
850523	241	1230	U 470	52	1.0	1
850523	241	1230	U 471	55	1.5	1
850523	241	1230	U 472	56	1.4	1
850523	241	1230	U 473	57	1.5	1
850523	241	1230	U 474	54	1.1	1
850523	241	1230	U 475	62	1.9	1
850523	241	1230	U 476	63	2.3	1
850523	241	1230	U 477	58	1.8	1
850523	241	1230	U 478	50	1.0	1
850524	21	0805	U 530	48	1.0	1
850524	21	0805	U 531	38	.6	1
850524	21	0805	U 532	52	1.2	1
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850605	23	1340	U 150	61	2.2	1
850605	23	1340	U 151	63	2.8	1
850605	23	1340	U 152	61	2.3	1
850605	23	1340	U 153	62	2.5	1
850605	25	1405	U 169	85	6.9	1
850605	25	1405	U 170	58	2.0	1
850605	25	1405	U 171	81	4.9	1
850605	25	1405	U 172	64	2.4	1
850605	25	1405	U 173	57	1.6	1
850605	25	1405	U 174	67	2.6	1
850605	25	1405	U 175	73	3.9	1
850605	25	1405	U 176	63	2.3	1
850618	21	1340	U 326	64	2.3	1
850618	21	1340	U 327	63	2.2	1
850618	21	1340	U 328	58	1.8	1
850618	21	1340	U 329	60	1.9	1
850618	21	1340	U 330	66	2.2	1
850618	21	1340	U 331	55	1.6	1
850618	21	1340	U 332	59	1.5	1
850618	20	1430	U 354	75	2.9	1
850618	20	1430	U 355	61	1.9	1
850619	4	0835	U 453	81	4.1	1
850619	28	1000	U 477	72	3.1	1
850619	28	1000	U 478	72	3.1	1
850619	28	1000	U 479	67	2.6	1
850619	28	1000	U 480	63	3.3	1
850619	28	1000	U 481	73	2.9	1
850619	28	1000	U 482	90	3.3	1
850619	28	1000	U 483	63	2.0	1
850619	28	1000	U 484	78	4.2	1
850619	28	1000	U 485	77	3.4	1
850619	28	1000	U 486	77	3.2	1

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
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850619	292	1025	U	503	100	6.3	1
850619	5	1300	U	537	91	7.7	1
850703	4	0810	U	81	79	4.1	1
850717	23	0850	U	245	120	17.3	1
850717	23	0850	U	246	119	16.4	1
850327	23	1110	U	1	36	.4	2
850327	4	1505	U	24	36	.6	2
850328	1	1035	U	2	34	.3	2
850328	3	1040	U	5	26	.3	2
850328	151	1130	U	11	35	.4	2
850328	151	1130	U	12	32	.4	2
850328	151	1130	U	13	27	.3	2
850328	151	1130	U	14	31	.3	2
850328	15	1145	U	15	32	.4	2
850328	16	1150	U	16	28	.3	2
850328	17	1155	U	17	34	.4	2
850328	7	1210	U	18	23	.1	2
850328	1	1235	U	22	30	.3	2
850410	1	1020	U	68	36	.5	2
850410	1	1020	U	69	34	.3	2
850410	1	1020	U	70	33	.5	2
850410	1	1020	U	71	31	.3	2
850410	1	1020	U	72	33	.4	2
850410	1	1020	U	73	31	.2	2
850410	1	1020	U	74	35	.4	2
850410	1	1020	U	75	35	.4	2
850410	1	1020	U	76	33	.3	2
850410	1	1020	U	77	35	.2	2
850410	1	1020	U	78	32	.4	2
850410	1	1020	U	79	35	.3	2
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850410	10	1055	U	23	36	.5	2
850410	10	1055	U	24	32	.4	2
850410	10	1055	U	25	36	.4	2
850410	10	1055	U	26	37	.5	2
850410	37	1220	U	39	35	.3	2
850410	23	1500	U	58	36	.5	2
850410	23	1500	U	59	39	.7	2
850410	23	1500	U	60	34	.3	2

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
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850410	23	1500	U	62	34	.2	2
850410	23	1500	U	63	45	.9	2
850410	23	1500	U	64	42	.9	2
850410	23	1500	U	65	39	.6	2
850410	23	1500	U	66	54	1.5	2
850412	4	0915	U	1	42	.3	2
850412	4	0915	U	2	31	.3	2
850412	4	0915	U	3	31	.2	2
850412	4	0915	U	4	30	.3	2
850424	4	1100	U	146	36	.4	2
850424	4	1100	U	147	33	.3	2
850424	4	1100	U	148	33	.3	2
850424	4	1100	U	149	32	.4	2
850424	4	1100	U	150	33	.3	2
850424	32	1330	U	101	37	.5	2
850424	32	1330	U	102	42	.7	2
850424	32	1330	U	103	48	1.2	2
850424	32	1330	U	104	43	.3	2
850424	32	1355	U	105	48	1.0	2
850424	32	1355	U	106	43	.9	2
850424	32	1355	U	107	42	.5	2
850424	32	1355	U	108	42	.7	2
850424	32	1355	U	109	41	.6	2
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850424	32	1355	U	111	37	.6	2
850424	32	1355	U	112	38	.7	2
850424	32	1355	U	113	43	.8	2
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850424	25	1615	U	123	34	.4	2
850424	25	1615	U	124	35	.3	2
850424	25	1615	U	125	41	.7	2
850424	25	1615	U	126	37	.5	2
850424	25	1615	U	127	39	.4	2
850424	25	1615	U	128	37	.4	2
850424	25	1615	U	129	41	.5	2
850425	7	0917	U	130	35	.3	2
850425	7	0917	U	131	33	.4	2
850425	7	0917	U	132	33	.4	2
850425	32	0940	U	139	69	3.3	2
850425	32	0940	U	140	35	.4	2
850425	6	0943	U	143	34	.3	2
850425	327	1135	U	157	35	.4	2
850425	327	1135	U	158	35	.2	2
850425	327	1135	U	159	36	.4	2
850425	327	1135	U	160	36	.4	2
850425	327	1135	U	161	38	.5	2
850425	327	1135	U	162	36	.4	2
850425	327	1135	U	163	36	.3	2
850425	327	1135	U	164	38	.5	2

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
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850425	327	1135	U	168	37	.4	2
850425	23	1340	U	178	35	.4	2
850425	23	1340	U	179	43	.7	2
850425	23	1340	U	180	35	.4	2
850425	23	1340	U	181	35	.3	2
850425	23	1340	U	182	37	.7	2
850508	7	1240	U	38	47	.9	2
850508	7	1240	U	39	42	.6	2
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850522	6	1225	U	209	35	.3	2
850522	6	1225	U	210	35	.4	2
850522	6	1225	U	211	31	.2	2
850522	6	1225	U	225	41	.6	2
850522	292	1410	U	281	69	3.3	2
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850522	292	1410	U	283	67	3.1	2
850522	292	1410	U	284	49	1.1	2
850522	292	1410	U	285	60	2.0	2
850522	292	1410	U	286	66	3.0	2

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
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850522	292	1410	U	289	75	4.3	2
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850522	1	1535	U	312	36	.4	2
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850522	1	1535	U	314	38	.4	2
850522	1	1535	U	315	37	.4	2
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850522	1	1535	U	320	39	.4	2
850522	1	1535	U	321	35	.5	2
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850522	2	1545	U	338	37	.5	2
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850522	2	1545	U	340	38	.4	2
850522	17	1615	U	346	35	.4	2
850522	17	1615	U	347	37	.3	2
850522	17	1615	U	348	34	.3	2
850522	17	1615	U	349	37	.4	2
850522	17	1615	U	350	36	.4	2
850522	17	1615	U	351	37	.4	2
850522	17	1615	U	352	35	.3	2
850522	17	1615	U	353	35	.4	2
850522	17	1615	U	354	35	.3	2
850522	16	1625	U	366	64	2.4	2
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850522	16	1625	U	368	42	.6	2
850522	16	1625	U	369	37	.4	2
850522	16	1625	U	370	38	.4	2
850522	16	1625	U	371	43	.7	2
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850522	16	1625	U	373	38	.4	2
850522	16	1625	U	374	38	.4	2
850522	16	1625	U	375	38	.4	2
850522	11	1735	U	385	38	.5	2
850522	11	1735	U	386	39	.5	2
850522	11	1735	U	387	38	.5	2
850522	11	1735	U	388	34	.3	2
850522	11	1735	U	389	36	.4	2
850522	47	1755	U	399	38	.4	2
850522	47	1755	U	400	37	.4	2
850522	47	1755	U	401	38	.4	2
850523	322	0900	U	412	67	2.7	2
850523	322	0900	U	413	69	2.9	2
850523	322	0900	U	414	70	3.0	2
850523	322	0900	U	415	36	.5	2
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850523	322	0900	U	417	42	.7	2
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850523	322	0900	U	419	52	1.4	2
850523	31	1010	U	435	62	1.9	2
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850523	31	1010	U	440	38	.5	2
850523	31	1010	U	441	57	1.6	2
850523	31	1010	U	442	59	2.0	2
850523	31	1010	U	443	62	2.2	2
850523	31	1010	U	444	53	1.3	2
850523	31	1010	U	445	54	1.5	2
850523	24	1100	U	446	40	.5	2
850523	24	1100	U	447	39	.4	2
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850523	24	1100	U	449	37	.3	2
850523	24	1100	U	450	42	.6	2
850523	24	1100	U	451	37	.3	2
850523	24	1100	U	452	36	.5	2
850523	24	1100	U	453	36	.3	2
850523	241	1115	U	454	45	.7	2
850523	241	1115	U	455	43	.6	2
850523	241	1115	U	456	47	.7	2
850523	241	1115	U	457	44	.7	2
850523	241	1115	U	458	47	.9	2
850523	241	1115	U	459	52	1.1	2
850523	241	1115	U	460	40	.6	2
850523	241	1115	U	461	43	.7	2
850523	241	1115	U	462	41	.5	2
850523	241	1115	U	463	33	.3	2
850523	241	1230	U	479	57	1.7	2
850523	241	1230	U	480	53	1.3	2
850523	241	1230	U	481	57	1.6	2
850523	241	1230	U	482	48	.9	2
850523	241	1230	U	483	44	.9	2
850523	241	1230	U	484	45	.9	2
850523	241	1230	U	485	56	1.7	2
850523	241	1230	U	486	45	.8	2
850523	241	1230	U	487	63	2.3	2
850523	241	1230	U	488	45	.8	2
850523	241	1230	U	489	52	1.2	2
850523	241	1230	U	490	42	.6	2
850523	23	1300	U	496	48	.9	2
850523	23	1300	U	497	48	.9	2
850523	23	1300	U	498	44	.8	2
850523	23	1300	U	499	50	1.2	2
850523	1	1520	U	507	38	.5	2

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850523	1	1520	U	511	38	.5	2
850523	1	1520	U	512	35	.3	2
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850523	1	1520	U	514	40	.6	2
850523	1	1520	U	515	40	.6	2
850523	1	1520	U	516	43	.5	2
850523	1	1520	U	517	42	.6	2
850523	1	1520	U	518	34	.2	2
850523	1	1520	U	519	40	.7	2
850524	21	0805	U	533	40	.7	2
850524	21	0805	U	534	45	.9	2
850524	21	0905	U	535	43	.8	2
850524	21	0905	U	536	41	.7	2
850524	21	0905	U	537	37	.5	2
850524	21	0905	U	538	41	.6	2
850524	21	0905	U	539	39	.6	2
850524	21	0905	U	540	48	1.1	2
850524	21	0905	U	541	40	.7	2
850524	21	0905	U	542	39	.6	2
850604	7	1405	U	1	90	5.7	2
850605	7	0730	U	24	36	.4	2
850605	141	0815	U	230	40	.5	2
850605	141	0815	U	231	47	1.0	2
850605	141	0815	U	232	39	.7	2
850605	6	0856	U	48	43	.7	2
850605	6	0856	U	49	37	.3	2
850605	4	0920	U	61	81	5.6	2
850605	4	0920	U	62	75	4.1	2
850605	4	0920	U	63	70	3.4	2
850605	4	0920	U	64	60	2.0	2
850605	4	0920	U	65	78	4.8	2
850605	4	0920	U	66	53	1.2	2
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850605	21	1235	U	88	75	4.2	2
850605	21	1235	U	89	67	3.2	2
850605	21	1235	U	90	66	2.5	2
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850605	21	1235	U	92	78	4.4	2
850605	21	1235	U	93	61	2.1	2
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850605	21	1235	U	108	70	4.1	2
850605	21	1235	U	109	80	5.6	2
850605	292	1255	U	112	59	1.8	2
850605	292	1255	U	113	58	1.8	2
850605	292	1255	U	114	45	.7	2
850605	292	1255	U	115	43	.4	2
850605	292	1255	U	116	55	1.5	2
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850605	292	1255	U	122	51	1.1	2
850605	28	1330	U	124	54	1.5	2
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850605	28	1330	U	126	35	.4	2
850605	28	1330	U	127	43	.9	2
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850605	23	1340	U	157	62	1.7	2
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850605	23	1340	U	160	49	.9	2

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
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850605	23	1340	U	163	62	2.4	2
850605	23	1340	U	164	59	1.9	2
850605	23	1340	U	165	59	1.8	2
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850605	23	1340	U	167	58	2.1	2
850605	23	1340	U	168	53	1.5	2
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850605	25	1405	U	182	63	2.2	2
850605	25	1405	U	183	81	4.9	2
850605	25	1405	U	184	59	1.6	2
850605	25	1405	U	185	63	2.2	2
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850618	27	1300	U	314	65	2.5	2
850618	27	1300	U	315	63	2.0	2
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850618	27	1300	U	317	63	2.4	2
850618	27	1300	U	318	62	2.3	2
850618	27	1300	U	319	62	2.3	2
850618	27	1300	U	320	75	4.3	2
850618	27	1300	U	321	74	4.1	2
850618	27	1300	U	322	55	1.7	2
850618	27	1300	U	323	59	2.0	2
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850618	27	1300	U	325	64	2.3	2
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850618	21	1340	U	334	59	1.8	2
850618	21	1340	U	335	58	1.3	2
850618	21	1340	U	336	55	1.4	2
850618	21	1340	U	337	48	1.0	2
850618	21	1340	U	338	55	1.2	2
850618	21	1340	U	339	57	1.2	2
850618	20	1430	U	356	72	3.2	2
850618	20	1430	U	357	77	3.8	2
850618	20	1430	U	358	55	1.5	2
850618	20	1430	U	359	56	1.5	2
850618	20	1430	U	360	53	1.0	2
850618	20	1430	U	361	60	1.9	2
850618	47	1630	U	420	71	3.8	2
850619	4	0835	U	454	76	4.0	2
850619	4	0835	U	455	60	1.8	2
850619	4	0835	U	456	70	2.9	2
850619	4	0835	U	457	75	3.9	2
850619	4	0835	U	458	61	2.0	2
850619	28	1000	U	488	71	2.7	2
850619	28	1000	U	489	53	1.1	2
850619	28	1000	U	490	68	2.5	2
850619	28	1000	U	491	63	2.1	2
850619	28	1000	U	492	65	2.4	2
850619	28	1000	U	493	59	1.6	2
850619	28	1000	U	494	53	1.2	2
850619	28	1000	U	495	53	1.2	2
850619	28	1000	U	496	80	4.5	2
850619	28	1000	U	497	68	2.1	2
850619	292	1025	U	504	57	1.7	2
850619	292	1025	U	505	54	1.6	2
850619	292	1025	U	506	54	1.6	2
850619	292	1025	U	507	62	2.2	2
850619	292	1025	U	508	64	2.8	2
850619	292	1025	U	509	48	1.2	2
850619	5	1300	U	538	67	2.6	2
850620	23	0700	U	580	67	2.7	2
850620	23	0700	U	581	62	2.2	2
850620	23	0700	U	582	42	.7	2
850620	23	0700	U	583	70	3.0	2
850702	34	1350	U	10	65	2.3	2
850702	34	1350	U	11	74	3.6	2
850702	34	1350	U	12	66	2.7	2
850702	34	1350	U	13	70	3.0	2
850702	34	1350	U	14	80	1.5	2
850702	20	1445	U	1	87	4.9	2
850702	20	1445	U	2	85	5.5	2
850702	20	1445	U	3	75	3.4	2
850702	20	1445	U	4	78	4.2	2
850702	20	1445	U	5	85	6.1	2
850703	4	0810	U	83	60	2.7	2
850703	4	0810	U	84	78	2.7	2
850703	4	0810	U	85	64	2.7	2
850703	4	0810	U	86	70	2.7	2
850703	25	0930	U	103	69	2.8	2
850703	25	0930	U	104	76	4.5	2
850703	241	1000	U	111	64	2.6	2
850703	241	1000	U	112	59	1.7	2
850703	241	1000	U	113	63	2.4	2
850703	241	1000	U	114	65	2.5	2
850703	27	1320	U	141	44	.8	2
850703	27	1320	U	142	62	2.7	2
850703	27	1320	U	143	61	2.5	2
850703	27	1320	U	144	57	1.8	2
850716	21	1339	U	221	78	4.0	2
850716	21	1339	U	222	64	2.7	2
850716	21	1339	U	223	67	3.2	2
850716	21	1339	U	224	77	4.4	2
850716	21	1339	U	225	65	5.0	2
850716	21	1339	U	226	81	4.6	2

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850716	21	1339	U	227	88	5.1	2
850716	21	1339	U	228	64	2.5	2
850716	21	1339	U	229	60	2.4	2
850717	23	0850	U	248	87	6.8	2
850717	23	0850	U	249	100	9.6	2
850717	23	0850	U	250	68	3.2	2
850717	23	0850	U	251	83	5.9	2
850717	23	0850	U	252	83	5.6	2
850717	23	0850	U	253	86	5.3	2
850717	23	0850	U	254	83	4.5	2
850717	23	0850	U	255	70	3.3	2
850717	25	1010	U	261	89	6.2	2
850717	25	1010	U	262	110	12.8	2
850717	25	1010	U	263	70	3.6	2
850717	25	1010	U	264	90	7.3	2
850717	25	1010	U	265	85	6.2	2
850717	25	1010	U	266	68	3.1	2
850717	25	1010	U	267	83	5.6	2
850717	25	1010	U	268	82	5.6	2
850717	25	1010	U	269	71	3.7	2
850717	25	1010	U	270	83	5.8	2
850717	25	1010	U	271	91	6.9	2
850729	1	1445	U	406	99	9.9	2
850729	1	1445	U	407	95	8.1	2
850729	1	1445	U	408	88	6.9	2
850729	1	1445	U	409	87	7.0	2
850729	1	1445	U	410	80	5.5	2
850729	1	1445	U	411	80	5.1	2
850729	1	1445	U	412	87	6.3	2
850729	1	1445	U	413	74	3.9	2
850729	1	1445	U	414	74	3.4	2
850729	4	1500	U	418	86	6.9	2
850729	20	1515	U	448	82	4.9	2
850729	20	1515	U	449	73	3.2	2
850730	21	0900	U	470	90	6.2	2
850730	21	0900	U	471	105	10.7	2
850730	21	0900	U	472	96	7.3	2
850730	21	0900	U	473	87	5.8	2
850730	21	0900	U	474	85	5.1	2
850730	21	0900	U	475	91	6.3	2
850730	21	0900	U	476	87	5.6	2
850730	21	0900	U	477	84	5.6	2
850730	21	0900	U	478	82	4.4	2
850730	21	0900	U	479	86	5.3	2
850730	21	0900	U	480	89	5.4	2
850730	34	1300	U	551	71	2.8	2
850730	34	1300	U	552	54	1.4	2
850813	6	1515	U	65	78	4.5	2
850814	21	0800	U	76	96	8.8	2
850814	21	0800	U	77	93	7.1	2

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850814	21	0800	U	78	78	3.8	2
850814	27	1025	U	91	81	4.2	2
850814	27	1025	U	92	105	9.8	2
850814	27	1025	U	93	89	6.6	2
850814	27	1025	U	94	93	7.3	2
850814	27	1025	U	95	95	6.9	2
850814	2	1405	U	128	107	11.7	2
850815	24	1010	U	175	94	6.6	2
850815	5	1225	U	200	107	11.2	2
850815	5	1225	U	201	106	8.4	2
850815	5	1225	U	202	95	7.7	2
850815	5	1225	U	203	100	9.8	2
850815	5	1225	U	204	94	7.2	2
850815	5	1225	U	205	108	11.8	2
850828	21	1140	U	276	113	12.7	2
850410	47	1040	U	11	34	.4	3
850410	47	1040	U	12	31	.3	3
850410	47	1040	U	13	33	.4	3
850410	47	1040	U	14	36	.5	3
850410	47	1040	U	15	33	.5	3
850410	47	1040	U	17	74	5.1	3
850508	7	1240	U	77	95	11.9	3
850508	7	1240	U	78	102	12.8	3
850509	8	0748	U	26	102	12.9	3
850522	7	0945	U	194	115	14.3	3
850522	6	1225	U	212	29	.3	3
850522	6	1225	U	213	137	27.0	3
850522	292	1410	U	290	131	20.3	3
850522	292	1410	U	291	124	19.2	3
850522	292	1410	U	292	140	25.9	3
850522	292	1410	U	293	133	25.5	3
850522	292	1410	U	294	132	25.4	3
850522	292	1410	U	295	125	19.1	3
850522	292	1410	U	296	128	20.2	3
850522	34	1500	U	298	98	10.3	3
850522	34	1500	U	299	89	8.0	3
850522	34	1500	U	300	123	19.7	3
850522	34	1500	U	301	127	19.8	3
850522	34	1500	U	302	125	19.7	3
850522	34	1500	U	303	126	19.9	3
850522	34	1500	U	304	126	21.5	3
850522	1	1535	U	323	90	8.4	3
850522	1	1535	U	324	98	8.9	3
850522	1	1535	U	325	123	15.4	3
850522	1	1535	U	326	92	8.8	3
850522	1	1535	U	327	98	9.3	3
850522	1	1535	U	328	94	7.8	3
850522	17	1615	U	355	121	18.1	3
850523	322	0900	U	420	138	26.7	3
850523	322	0900	U	421	136	23.2	3

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850523	322	0900	U	422	125	17.4	3
850523	322	0900	U	423	115	15.6	3
850523	322	0900	U	424	134	23.5	3
850523	241	1115	U	464	81	6.3	3
850523	241	1115	U	465	85	6.7	3
850523	241	1115	U	466	79	4.7	3
850523	241	1115	U	467	77	4.9	3
850523	241	1115	U	468	77	5.4	3
850523	241	1115	U	469	77	6.3	3
850523	241	1230	U	491	135	21.8	3
850523	241	1230	U	492	138	29.6	3
850523	241	1230	U	493	140	24.0	3
850523	241	1230	U	494	153	37.8	3
850523	241	1230	U	495	132	25.0	3
850523	5	1430	U	501	120	17.9	3
850605	7	0730	U	25	111	17.4	3
850605	7	0730	U	26	125	19.6	3
850605	241	1505	U	190	142	25.6	3
850605	241	1505	U	191	142	22.9	3
850605	241	1505	U	192	145	27.2	3
850605	241	1505	U	193	135	27.7	3
850606	1	0905	U	216	107	13.8	3
850618	7	1145	U	268	103	12.1	3
850618	7	1145	U	269	115	16.8	3
850618	7	1145	U	270	135	29.8	3
850618	7	1145	U	271	122	18.1	3
850619	10	0740	U	428	154	34.6	3
850619	4	0835	U	459	98	9.1	3
850619	4	0835	U	460	130	20.6	3
850619	4	0835	U	461	112	13.1	3
850619	292	1025	U	510	117	21.4	3
850619	292	1025	U	511	110	13.6	3
850619	2	1215	U	525	137	29.1	3
850619	5	1300	U	539	130	31.6	3
850619	5	1300	U	540	135	31.8	3
850619	5	1300	U	541	136	30.6	3
850702	47	1600	U	35	34	.3	3
850702	47	1600	U	36	39	.8	3
850702	47	1600	U	37	35	.5	3
850702	47	1600	U	38	38	.6	3
850703	6	0745	U	63	105	12.6	3
850703	4	0810	U	87	139	22.1	3
850703	4	0810	U	88	90	6.7	3
850703	292	1120	U	132	102	14.1	3
850704	4	0720	U	213	144	28.0	3
850717	7	0717	U	238	153	38.5	3
850717	5	0754	U	244	163	56.8	3
850717	23	0850	U	247	172	51.4	3
850717	4	1238	U	272	175	59.1	3
850717	4	1238	U	273	144	29.9	3
850717	4	1238	U	274	157	35.6	3
850717	4	1238	U	275	134	19.4	3
850717	2	1340	U	276	144	41.8	3
850717	2	1340	U	277	148	44.0	3
850717	2	1340	U	278	145	40.1	3
850717	2	1340	U	279	150	42.3	3
850717	2	1340	U	280	165	58.0	3
850717	7	1630	U	235	170	58.6	3
850717	7	1630	U	236	161	46.6	3
850717	6	1650	U	281	140	39.7	3
850717	6	1650	U	282	155	47.5	3
850717	6	1650	U	283	154	47.5	3
850717	6	1650	U	284	147	41.3	3
850717	6	1650	U	285	158	41.6	3
850729	10	1320	U	325	47	1.2	3
850729	10	1320	U	326	50	1.5	3
850729	10	1320	U	327	48	1.2	3
850729	10	1320	U	328	43	1.0	3
850729	10	1320	U	329	43	1.0	3
850729	7	1340	U	330	170	70.9	3
850729	3	1420	U	378	195	97.3	3
850729	3	1420	U	379	190	82.9	3
850729	3	1420	U	380	172	68.0	3
850729	3	1420	U	381	167	56.5	3
850729	4	1500	U	415	176	73.3	3
850729	4	1500	U	416	202	111.6	3
850729	4	1500	U	417	197	97.6	3
850730	21	0900	U	464	170	46.6	3
850730	7	1345	U	554	44	1.1	3
850813	47	1410	U	2	66	3.4	3
850813	47	1410	U	3	65	3.1	3
850813	47	1410	U	4	68	3.5	3
850813	47	1410	U	5	64	2.8	3
850813	47	1410	U	6	61	2.2	3
850813	47	1410	U	7	57	1.9	3
850813	47	1410	U	8	49	1.1	3
850813	47	1410	U	9	57	1.9	3
850813	47	1410	U	10	55	1.6	3
850813	47	1410	U	11	48	1.2	3
850813	47	1410	U	12	49	1.1	3
850814	4	1140	U	96	154	45.6	3
850814	4	1140	U	97	157	45.8	3
850814	4	1140	U	98	142	32.5	3
850814	7	1710	U	159	200	90.2	3
850827	7	1405	U	224	63	2.5	3
850827	7	1405	U	225	67	3.1	3
850827	7	1405	U	226	65	2.9	3
850828	292	1115	U	261	220	118.7	3
850828	292	1115	U	262	209	80.6	3
850828	21	1140	U	266	232	29.1	3

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850828	21	1140	U	267	198	71.1	3
850829	7	0745	U	302	66	3.3	3
850829	4	0825	U	305	240	184.2	3
850829	4	0825	U	306	181	51.5	3
850829	4	0830	U	317	233	141.7	3
850829	4	0830	U	318	208	126.7	3
850523	25	1230	U	553	129	24.0	4
850523	25	1230	U	554	136	27.7	4
850523	25	1230	U	555	135	24.3	4
850605	25	1405	U	187	100	10.2	4
850605	25	1405	U	188	89	6.1	4
850605	25	1405	U	189	96	8.6	4
850618	6	1210	U	290	119	18.1	4
850618	6	1210	U	291	150	44.3	4
850618	6	1210	U	292	42	33.1	4
850618	6	1210	U	293	145	34.0	4
850618	6	1210	U	294	112	15.8	4
850618	20	1430	U	362	138	29.9	4
850619	7	0750	U	438	126	20.3	4
850619	7	0750	U	439	135	26.5	4
850619	7	0750	U	440	125	19.4	4
850619	7	0750	U	441	114	18.5	4
850619	1	0825	U	442	92	6.5	4
850619	292	1025	U	512	117	21.0	4
850619	2	1215	U	524	135	26.4	4
850620	23	0700	U	596	141	28.6	4
850620	23	0700	U	599	123	21.2	4
850730	7	1345	U	553	149	26.8	4
850731	7	1000	U	569	140	27.5	4
850410	47	1040	U	9	33	.3	5
850410	47	1040	U	10	38	.6	5
850410	47	1040	U	16	32	.6	5
850410	10	1055	U	18	35	.5	5
850410	10	1055	U	27	25	.2	5
850410	10	1055	U	28	38	.8	5
850412	4	0915	U	5	39	.5	5
850424	32	1355	U	115	40	.7	5
850424	32	1355	U	116	47	.7	5
850424	32	1355	U	117	45	1.1	5
850424	32	1355	U	118	43	.9	5
850425	7	0917	U	133	39	.6	5
850425	7	0917	U	134	40	.6	5
850425	7	0917	U	135	36	.6	5
850425	7	0917	U	136	34	.4	5
850425	7	0917	U	137	36	.5	5
850425	32	0940	U	141	45	1.0	5
850425	32	0940	U	142	44	.8	5
850425	1	1010	U	144	43	.7	5
850425	1	1010	U	145	34	.4	5
850508	7	1240	U	37	79	6.1	5
850508	7	1240	U	54	35	.4	5
850508	7	1240	U	55	35	.8	5
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850508	7	1240	U	58	33	.4	5
850508	7	1240	U	59	38	.5	5
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850508	7	1240	U	61	41	.8	5
850508	7	1240	U	62	46	1.2	5
850508	7	1240	U	63	41	.7	5
850508	7	1240	U	64	43	.9	5
850508	7	1240	U	65	39	.7	5
850508	7	1240	U	66	42	.9	5
850508	7	1240	U	67	43	.8	5
850508	7	1240	U	68	43	.8	5
850508	7	1240	U	69	44	.8	5
850508	7	1240	U	70	40	.8	5
850508	7	1240	U	71	44	.8	5
850508	7	1240	U	72	43	.8	5
850508	7	1240	U	73	43	.9	5
850508	7	1240	U	74	43	.9	5
850508	7	1240	U	75	45	1.3	5
850508	7	1240	U	76	40	.7	5
850508	35	1505	U	124	42	.8	5
850508	35	1600	U	157	35	.5	5
850508	35	1600	U	158	43	.7	5
850508	4	1630	U	160	43	.9	5
850508	4	1630	U	162	42	.9	5
850508	4	1630	U	163	41	1.0	5
850508	4	1630	U	164	40	.7	5
850508	4	1630	U	165	45	1.1	5
850508	17	1650	U	185	45	1.1	5
850508	17	1650	U	186	42	.9	5
850508	17	1650	U	187	41	.8	5
850508	17	1650	U	188	48	1.2	5
850508	17	1650	U	189	41	.8	5
850508	17	1650	U	190	39	.7	5
850508	17	1650	U	191	44	1.0	5
850508	17	1650	U	192	40	.7	5
850508	17	1650	U	193	41	.8	5
850509	7	0748	U	3	40	.7	5
850509	7	0748	U	4	40	.7	5
850509	7	0748	U	5	40	.7	5
850509	7	0748	U	6	40	.7	5
850509	7	0748	U	7	43	.9	5
850509	7	0748	U	8	40	.6	5
850509	7	0748	U	9	41	.7	5
850509	7	0748	U	10	42	1.0	5
850509	7	0748	U	11	43	.9	5
850509	7	0748	U	12	43	.9	5

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850509	8	0748	U	27	43	.9	5
850509	8	0748	U	28	44	.8	5
850509	8	0748	U	29	45	1.1	5
850509	8	0748	U	30	43	.9	5
850509	8	0748	U	31	43	1.0	5
850509	8	0748	U	32	42	.8	5
850509	8	0748	U	33	44	1.0	5
850509	8	0748	U	34	42	.8	5
850509	8	0748	U	35	41	.7	5
850509	8	0748	U	36	44	1.1	5
850522	7	0945	U	195	44	.7	5
850522	7	0945	U	196	39	.6	5
850522	7	0945	U	197	42	.4	5
850522	7	0945	U	198	46	1.1	5
850522	7	0945	U	199	40	.5	5
850522	7	0945	U	200	43	.9	5
850522	7	0945	U	201	39	.5	5
850522	7	0945	U	202	44	.8	5
850522	7	0945	U	203	43	.7	5
850522	7	0945	U	204	41	.7	5
850522	6	1225	U	214	44	.9	5
850522	6	1225	U	215	42	.7	5
850522	6	1225	U	216	41	.8	5
850522	6	1225	U	217	44	.9	5
850522	6	1225	U	218	41	.8	5
850522	6	1225	U	219	41	.7	5
850522	6	1225	U	220	43	.8	5
850522	6	1225	U	221	39	.5	5
850522	6	1225	U	222	41	.8	5
850522	6	1225	U	223	43	.9	5
850522	6	1225	U	224	43	.9	5
850522	34	1500	U	305	41	.6	5
850522	34	1500	U	306	41	.3	5
850522	34	1500	U	307	38	.5	5
850522	34	1500	U	308	41	.8	5
850522	34	1500	U	309	40	.6	5
850522	34	1500	U	310	41	.6	5
850522	1	1535	U	329	58	2.3	5
850522	1	1535	U	330	42	.8	5
850522	1	1535	U	331	60	2.6	5
850522	1	1535	U	332	53	1.7	5
850522	1	1535	U	333	40	.7	5
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850522	1	1535	U	335	47	1.2	5
850522	1	1535	U	336	43	.8	5
850522	1	1535	U	337	46	1.1	5
850522	2	1545	U	341	40	.7	5
850522	2	1545	U	342	41	.6	5
850522	2	1545	U	343	40	.7	5
850522	2	1545	U	344	43	.8	5
850522	2	1545	U	345	38	.5	5
850522	17	1615	U	356	46	1.1	5
850522	17	1615	U	357	44	.3	5
850522	17	1615	U	358	45	1.0	5
850522	17	1615	U	359	45	1.0	5
850522	17	1615	U	360	45	.9	5
850522	17	1615	U	361	46	1.0	5
850522	17	1615	U	362	41	.8	5
850522	17	1615	U	363	44	.9	5
850522	17	1615	U	364	45	.9	5
850522	17	1615	U	365	43	.9	5
850522	16	1625	U	376	50	1.5	5
850522	16	1625	U	377	46	1.1	5
850522	16	1625	U	378	42	.7	5
850522	16	1625	U	379	44	.8	5
850522	16	1625	U	380	42	.7	5
850522	16	1625	U	381	40	.7	5
850522	16	1625	U	382	40	.7	5
850522	16	1625	U	383	35	.5	5
850522	11	1735	U	390	45	.9	5
850522	11	1735	U	391	43	.7	5
850522	11	1735	U	392	44	.7	5
850522	11	1735	U	393	43	.7	5
850522	11	1735	U	394	44	.9	5
850522	11	1735	U	395	44	.8	5
850522	11	1735	U	396	44	.7	5
850522	11	1735	U	397	47	1.2	5
850522	11	1735	U	398	50	1.2	5
850522	47	1755	U	402	44	.9	5
850522	47	1755	U	403	41	.7	5
850522	47	1755	U	404	41	.7	5
850522	47	1755	U	405	40	.6	5
850522	47	1755	U	406	37	.6	5
850522	47	1755	U	407	43	.7	5
850522	47	1755	U	408	39	.6	5
850522	47	1755	U	409	42	.8	5
850522	47	1755	U	410	45	1.0	5
850522	47	1755	U	411	37	.5	5
850523	322	0900	U	425	39	.5	5
850523	25	1230	U	556	86	5.3	5
850523	25	1230	U	557	105	16.8	5
850523	23	1300	U	500	51	1.6	5
850523	5	1430	U	502	41	.7	5
850523	5	1430	U	503	40	.7	5
850523	5	1430	U	504	48	1.4	5
850523	5	1430	U	505	42	.7	5
850523	5	1430	U	506	47	1.1	5
850523	1	1520	U	520	43	.9	5
850523	1	1520	U	521	50	1.6	5

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850523	1	1520	U	522	43	.9	5
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850523	1	1520	U	524	40	.6	5
850523	4	1530	U	525	42	1.3	5
850523	4	1530	U	526	42	.7	5
850523	4	1530	U	527	42	.9	5
850523	4	1530	U	528	45	1.3	5
850523	4	1530	U	529	43	1.0	5
850524	21	0905	U	543	43	.7	5
850524	21	0905	U	544	52	1.4	5
850524	21	0905	U	545	45	.8	5
850524	21	0905	U	546	52	1.6	5
850524	21	0905	U	547	46	.8	5
850524	21	0905	U	548	43	.8	5
850524	21	0905	U	549	38	.4	5
850524	21	0905	U	550	40	.7	5
850524	21	0905	U	551	39	.6	5
850524	21	0905	U	552	38	.6	5
850604	7	1405	U	2	49	1.5	5
850604	7	1405	U	3	57	1.7	5
850604	7	1405	U	4	55	1.7	5
850604	7	1405	U	5	39	.5	5
850604	7	1405	U	6	50	1.0	5
850604	7	1405	U	7	45	.8	5
850604	7	1405	U	8	40	.5	5
850604	7	1405	U	9	93	8.3	5
850604	7	1405	U	10	94	7.3	5
850604	7	1405	U	11	94	7.7	5
850605	7	0730	U	27	40	.7	5
850605	8	0745	U	12	48	1.3	5
850605	8	0745	U	13	70	4.1	5
850605	8	0745	U	14	76	5.6	5
850605	8	0745	U	15	54	1.8	5
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850605	8	0745	U	17	44	1.0	5
850605	8	0745	U	18	40	.8	5
850605	8	0745	U	19	41	.6	5
850605	8	0745	U	20	55	1.4	5
850605	8	0745	U	21	45	1.0	5
850605	8	0745	U	22	48	1.4	5
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850605	11	0800	U	29	42	.7	5
850605	11	0800	U	30	38	.5	5
850605	11	0800	U	31	54	1.8	5
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850605	11	0800	U	33	44	.9	5
850605	11	0800	U	34	43	.8	5
850605	11	0800	U	35	44	.8	5
850605	11	0800	U	36	42	.8	5
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850605	151	0810	U	39	46	1.2	5
850605	151	0810	U	40	43	.9	5
850605	151	0810	U	41	53	1.6	5
850605	151	0810	U	42	45	1.0	5
850605	151	0810	U	43	45	.9	5
850605	151	0810	U	44	40	.6	5
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850605	151	0810	U	47	40	.7	5
850605	141	0815	U	233	47	.9	5
850605	141	0815	U	234	44	1.1	5
850605	141	0815	U	235	45	1.1	5
850605	141	0815	U	236	43	.9	5
850605	141	0815	U	237	57	1.9	5
850605	141	0815	U	238	50	1.5	5
850605	141	0815	U	239	63	2.9	5
850605	141	0815	U	240	46	1.0	5
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850605	141	0815	U	243	42	.7	5
850605	6	0856	U	50	43	.9	5
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850605	6	0856	U	53	40	.7	5
850605	6	0856	U	54	43	.7	5
850605	6	0856	U	55	42	.8	5
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850605	6	0856	U	58	49	1.0	5
850605	6	0856	U	59	52	1.3	5
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850605	4	0920	U	74	55	2.1	5
850605	4	0920	U	75	48	1.4	5
850605	4	0920	U	76	52	1.8	5
850605	4	0920	U	77	49	1.5	5
850605	4	0920	U	78	53	2.0	5
850605	4	0920	U	79	50	1.5	5
850605	4	0920	U	80	45	1.5	5
850605	4	0920	U	81	44	1.1	5
850605	4	0920	U	82	52	1.8	5
850605	4	0920	U	83	48	1.3	5
850605	4	0920	U	84	72	4.2	5
850605	4	0920	U	85	84	6.7	5
850605	1	0950	U	251	78	5.4	5
850605	1	0950	U	252	81	5.4	5
850605	1	0950	U	253	78	4.7	5
850605	1	0950	U	254	53	1.8	5

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850605	1	0950	U	255	75	4.5	5
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850605	1	0950	U	257	77	4.0	5
850605	1	0950	U	258	75	6.3	5
850605	1	0950	U	259	79	4.9	5
850605	1	0950	U	260	86	6.7	5
850605	1	0950	U	261	84	6.1	5
850605	1	0950	U	262	86	7.2	5
850605	1	0950	U	263	94	8.2	5
850605	1	0950	U	264	80	6.6	5
850605	1	0950	U	265	90	7.6	5
850605	1	0950	U	266	93	8.2	5
850605	1	0950	U	267	74	4.1	5
850605	21	1235	U	107	99	10.4	5
850605	21	1235	U	110	48	1.2	5
850605	21	1235	U	111	47	1.0	5
850605	292	1255	U	123	100	8.7	5
850605	28	1330	U	136	44	.9	5
850605	28	1330	U	137	47	1.2	5
850605	28	1330	U	138	53	1.7	5
850605	28	1330	U	139	43	.7	5
850605	28	1330	U	140	53	1.7	5
850605	28	1330	U	141	53	1.7	5
850605	28	1330	U	142	47	1.1	5
850605	28	1330	U	143	46	1.1	5
850605	28	1330	U	144	38	.6	5
850605	28	1330	U	145	59	2.3	5
850605	28	1330	U	146	49	1.0	5
850605	28	1330	U	147	55	1.8	5
850605	28	1330	U	148	41	.7	5
850605	28	1330	U	149	53	1.4	5
850605	34	1605	U	204	52	1.2	5
850605	34	1605	U	205	37	.5	5
850605	34	1605	U	206	40	.4	5
850605	34	1605	U	207	37	.4	5
850605	34	1605	U	208	41	.7	5
850605	34	1605	U	209	39	.7	5
850605	34	1605	U	210	50	1.2	5
850605	34	1605	U	211	48	1.0	5
850605	34	1605	U	212	44	.9	5
850605	34	1605	U	213	45	.9	5
850605	34	1605	U	214	38	.5	5
850605	34	1605	U	215	47	1.0	5
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850605	20	1640	U	195	51	1.2	5
850605	20	1640	U	196	46	1.1	5
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850605	20	1640	U	199	45	.9	5
850605	20	1640	U	200	40	.6	5
850605	20	1640	U	201	40	.6	5
850605	20	1640	U	202	53	1.1	5
850605	20	1640	U	203	53	1.4	5
850606	18	0820	U	221	48	1.6	5
850606	18	0820	U	222	45	.9	5
850606	18	0820	U	223	50	1.6	5
850606	18	0820	U	224	53	2.0	5
850606	18	0820	U	225	49	1.4	5
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850606	4	0840	U	228	50	1.5	5
850606	4	0840	U	229	54	1.8	5
850606	1	0905	U	217	105	13.5	5
850606	1	0905	U	218	77	6.2	5
850606	1	0905	U	219	96	10.4	5
850606	1	0905	U	220	106	13.4	5
850618	7	1145	U	272	105	15.4	5
850618	7	1145	U	273	99	10.4	5
850618	7	1145	U	274	99	10.1	5
850618	7	1145	U	275	102	13.6	5
850618	7	1145	U	276	108	14.1	5
850618	7	1145	U	277	90	6.5	5
850618	7	1145	U	278	85	5.4	5
850618	7	1145	U	279	93	7.2	5
850618	7	1145	U	280	109	14.1	5
850618	7	1145	U	281	100	10.7	5
850618	7	1145	U	282	103	10.3	5
850618	7	1145	U	283	110	16.0	5
850618	7	1145	U	284	95	7.3	5
850618	7	1145	U	285	96	8.6	5
850618	7	1145	U	286	95	8.0	5
850618	7	1145	U	287	50	1.2	5
850618	7	1145	U	288	100	9.9	5
850618	7	1145	U	289	73	3.8	5
850618	6	1210	U	295	93	11.5	5
850618	6	1210	U	296	101	13.7	5
850618	6	1210	U	297	91	8.6	5
850618	6	1210	U	298	109	11.8	5
850618	6	1210	U	299	107	10.1	5
850618	6	1210	U	300	105	14.1	5
850618	6	1210	U	301	102	13.0	5
850618	6	1210	U	302	106	11.6	5
850618	6	1210	U	303	100	13.0	5
850618	6	1210	U	304	56	2.1	5
850618	6	1210	U	305	43	.7	5
850618	6	1210	U	306	49	1.3	5
850618	6	1210	U	307	48	1.1	5
850618	6	1210	U	308	50	1.4	5
850618	6	1210	U	309	43	.9	5
850618	6	1210	U	310	47	1.0	5

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850618	6	1210	U	311	57	2.0	5
850618	6	1210	U	312	45	1.0	5
850618	6	1210	U	313	44	.7	5
850618	21	1340	U	340	60	2.4	5
850618	21	1340	U	341	66	2.9	5
850618	21	1340	U	342	114	14.4	5
850618	21	1340	U	343	107	12.1	5
850618	21	1340	U	344	97	7.9	5
850618	21	1340	U	345	102	10.0	5
850618	21	1340	U	346	95	8.8	5
850618	21	1340	U	347	116	16.2	5
850618	21	1340	U	348	95	8.1	5
850618	21	1340	U	349	55	1.6	5
850618	21	1340	U	350	50	1.2	5
850618	21	1340	U	351	54	1.3	5
850618	21	1340	U	352	55	1.5	5
850618	21	1340	U	353	70	2.9	5
850618	20	1430	U	363	66	2.8	5
850618	20	1430	U	364	56	1.9	5
850618	20	1430	U	365	50	1.2	5
850618	20	1430	U	366	53	1.7	5
850618	20	1430	U	367	97	11.0	5
850618	20	1430	U	368	105	11.2	5
850618	17	1500	U	369	90	7.4	5
850618	17	1500	U	370	94	8.9	5
850618	17	1500	U	371	102	10.6	5
850618	17	1500	U	372	102	11.3	5
850618	17	1500	U	373	99	9.4	5
850618	17	1500	U	374	98	10.5	5
850618	17	1500	U	375	50	1.1	5
850618	17	1500	U	376	58	1.9	5
850618	17	1500	U	377	54	1.4	5
850618	17	1500	U	378	52	1.3	5
850618	17	1500	U	379	47	1.0	5
850618	17	1500	U	380	59	2.1	5
850618	17	1500	U	381	46	1.0	5
850618	17	1500	U	382	53	1.5	5
850618	17	1500	U	383	55	1.6	5
850618	16	1507	U	384	47	1.0	5
850618	16	1507	U	385	51	1.3	5
850618	16	1507	U	386	51	1.3	5
850618	16	1507	U	387	50	1.2	5
850618	16	1507	U	388	61	2.6	5
850618	16	1507	U	389	65	3.3	5
850618	16	1507	U	390	97	9.5	5
850618	16	1507	U	391	112	14.8	5
850618	16	1507	U	392	96	11.7	5
850618	16	1507	U	393	100	11.3	5
850618	16	1507	U	394	104	11.5	5
850618	16	1507	U	395	99	9.6	5
850618	15	1515	U	396	102	11.1	5
850618	15	1515	U	397	54	1.7	5
850618	15	1515	U	398	57	1.8	5
850618	15	1515	U	399	57	1.9	5
850618	15	1515	U	400	44	1.0	5
850618	15	1515	U	401	52	1.7	5
850618	15	1515	U	402	49	1.4	5
850618	15	1515	U	403	54	1.6	5
850618	15	1515	U	404	50	1.5	5
850618	15	1515	U	405	90	7.6	5
850618	15	1515	U	406	95	9.1	5
850618	15	1515	U	407	83	5.3	5
850618	15	1515	U	408	47	1.0	5
850618	15	1515	U	409	107	15.4	5
850618	14	1525	U	410	92	9.0	5
850618	14	1525	U	411	89	7.7	5
850618	14	1525	U	412	58	2.2	5
850618	14	1525	U	413	49	1.4	5
850618	14	1525	U	414	42	.9	5
850618	14	1525	U	415	49	1.2	5
850618	14	1525	U	416	53	1.7	5
850618	14	1525	U	417	43	.8	5
850618	14	1525	U	418	51	1.6	5
850618	14	1525	U	419	43	1.1	5
850618	47	1630	U	421	40	.6	5
850618	47	1630	U	422	45	.9	5
850618	47	1630	U	423	40	.6	5
850618	47	1630	U	424	46	1.5	5
850618	47	1630	U	425	45	.9	5
850618	47	1630	U	426	47	1.2	5
850618	47	1630	U	427	55	2.0	5
850619	10	0740	U	429	100	11.2	5
850619	10	0740	U	430	95	10.2	5
850619	10	0740	U	431	103	11.8	5
850619	10	0740	U	432	108	14.0	5
850619	10	0740	U	433	63	3.0	5
850619	10	0740	U	434	51	1.2	5
850619	10	0740	U	435	64	3.1	5
850619	10	0740	U	436	58	2.3	5
850619	10	0740	U	437	41	1.0	5
850619	1	0825	U	443	91	7.4	5
850619	1	0825	U	444	105	11.0	5
850619	1	0825	U	445	109	12.3	5
850619	1	0825	U	446	108	10.3	5
850619	1	0825	U	447	77	3.4	5
850619	1	0825	U	448	54	1.4	5
850619	1	0825	U	449	53	1.0	5
850619	1	0825	U	450	55	1.5	5
850619	1	0825	U	451	50	1.0	5
850619	1	0825	U	452	62	1.9	5

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850619	4	0835	U	462	114	11.9	5
850619	4	0835	U	463	128	20.1	5
850619	4	0835	U	464	96	8.8	5
850619	4	0835	U	465	107	13.8	5
850619	4	0835	U	466	102	10.8	5
850619	4	0835	U	467	107	12.5	5
850619	4	0835	U	468	103	10.8	5
850619	4	0835	U	469	54	1.6	5
850619	4	0835	U	470	64	2.6	5
850619	4	0835	U	471	63	2.4	5
850619	4	0835	U	472	48	1.3	5
850619	4	0835	U	473	47	1.3	5
850619	4	0835	U	474	60	2.1	5
850619	25	0925	U	475	102	12.5	5
850619	25	0925	U	476	112	15.7	5
850619	28	1000	U	498	50	1.2	5
850619	28	1000	U	499	58	2.2	5
850619	28	1000	U	500	59	1.4	5
850619	28	1000	U	501	63	2.4	5
850619	28	1000	U	502	55	1.8	5
850619	292	1025	U	513	109	13.8	5
850619	292	1025	U	514	93	8.8	5
850619	292	1025	U	515	114	16.5	5
850619	292	1025	U	516	103	11.4	5
850619	292	1025	U	517	94	8.5	5
850619	292	1025	U	518	96	10.0	5
850619	292	1025	U	519	75	2.8	5
850619	292	1025	U	520	69	2.9	5
850619	292	1025	U	521	63	2.3	5
850619	292	1025	U	522	68	3.4	5
850619	292	1025	U	523	50	1.1	5
850619	2	1215	U	526	102	11.2	5
850619	2	1215	U	527	106	15.0	5
850619	2	1215	U	528	96	9.2	5
850619	2	1215	U	529	100	10.8	5
850619	2	1215	U	530	104	14.9	5
850619	2	1215	U	531	101	14.2	5
850619	2	1215	U	532	57	2.5	5
850619	2	1215	U	533	49	1.5	5
850619	2	1215	U	534	44	1.2	5
850619	2	1215	U	535	45	1.4	5
850619	2	1215	U	536	51	1.8	5
850619	5	1300	U	542	109	17.2	5
850619	5	1300	U	543	124	21.4	5
850619	5	1300	U	544	108	11.6	5
850619	5	1300	U	545	113	16.5	5
850619	5	1300	U	546	65	2.8	5
850619	5	1300	U	547	56	2.1	5
850619	5	1300	U	548	67	3.8	5
850619	5	1300	U	549	56	1.8	5

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
850619	5	1300	U	550	65	3.2	5
850619	141	1515	U	551	95	8.7	5
850619	141	1515	U	552	79	4.2	5
850619	141	1515	U	553	50	1.7	5
850619	141	1515	U	554	48	1.4	5
850619	141	1515	U	555	53	1.7	5
850619	141	1515	U	556	40	.9	5
850619	141	1515	U	557	50	1.6	5
850619	18	1520	U	558	49	1.4	5
850619	18	1520	U	559	63	2.7	5
850619	18	1520	U	560	59	2.3	5
850619	18	1520	U	561	47	1.4	5
850619	18	1520	U	562	112	14.2	5
850619	18	1520	U	563	107	12.3	5
850619	18	1520	U	564	97	9.7	5
850619	18	1520	U	565	104	13.5	5
850619	18	1520	U	566	60	2.4	5
850619	18	1520	U	567	82	6.7	5
850619	11	1540	U	569	48	1.0	5
850619	11	1540	U	570	49	1.3	5
850619	11	1540	U	571	58	1.6	5
850619	11	1540	U	572	51	1.6	5
850619	11	1540	U	573	53	1.6	5
850619	11	1540	U	574	84	6.6	5
850619	11	1540	U	575	101	11.8	5
850619	11	1540	U	576	100	9.4	5
850619	11	1540	U	577	70	3.4	5
850619	11	1540	U	578	99	9.7	5
850619	11	1540	U	579	98	7.8	5
850620	23	0700	U	584	55	1.7	5
850620	23	0700	U	585	80	5.1	5
850620	23	0700	U	586	97	8.4	5
850620	23	0700	U	587	77	3.6	5
850620	23	0700	U	588	57	1.8	5
850620	23	0700	U	589	72	4.0	5
850620	23	0700	U	590	50	1.4	5
850620	23	0700	U	591	96	8.8	5
850620	23	0700	U	592	99	10.0	5
850620	23	0700	U	593	101	13.4	5
850620	23	0700	U	594	105	11.6	5
850620	23	0700	U	595	123	21.3	5
850620	23	0700	U	597	132	24.7	5
850620	23	0700	U	598	126	19.4	5
850620	6	0815	U	600	56	2.1	5
850702	34	1350	U	15	117	17.9	5
850702	34	1350	U	16	129	21.3	5
850702	34	1350	U	17	69	3.4	5
850702	34	1350	U	18	59	2.6	5
850702	34	1350	U	19	58	2.3	5
850702	34	1350	U	20	69	3.7	5

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850702	34	1350	U	21	51	1.6	5
850702	20	1445	U	6	57	2.2	5
850702	20	1445	U	7	64	2.9	5
850702	20	1445	U	8	60	2.4	5
850702	20	1445	U	9	71	3.8	5
850702	7	1540	U	22	91	8.7	5
850702	7	1540	U	23	72	4.0	5
850702	7	1540	U	24	65	3.2	5
850702	7	1540	U	25	111	14.6	5
850702	7	1540	U	26	76	5.4	5
850702	7	1540	U	27	127	15.9	5
850702	7	1540	U	28	65	3.3	5
850702	7	1540	U	29	109	14.3	5
850702	7	1540	U	30	107	14.7	5
850702	7	1540	U	31	118	20.3	5
850702	7	1540	U	32	99	10.8	5
850702	7	1540	U	33	92	8.8	5
850702	7	1540	U	34	119	19.4	5
850702	47	1600	U	39	43	1.0	5
850702	47	1600	U	40	50	1.6	5
850702	47	1600	U	41	51	1.8	5
850702	47	1600	U	42	59	2.7	5
850702	47	1600	U	43	44	.8	5
850702	47	1600	U	44	47	1.4	5
850702	1	1650	U	45	80	5.7	5
850702	1	1650	U	46	92	9.1	5
850702	1	1650	U	47	52	1.6	5
850702	1	1650	U	48	47	1.2	5
850702	1	1650	U	49	56	1.9	5
850702	1	1650	U	50	55	1.9	5
850702	1	1650	U	51	62	1.0	5
850702	1	1650	U	52	54	2.1	5
850702	1	1650	U	53	61	2.5	5
850702	1	1650	U	54	52	1.7	5
850702	1	1650	U	55	47	1.0	5
850702	1	1650	U	56	53	1.1	5
850703	8	0730	U	57	61	.7	5
850703	8	0730	U	58	43	1.2	5
850703	8	0730	U	59	50	1.7	5
850703	8	0730	U	60	99	9.7	5
850703	8	0730	U	61	112	15.0	5
850703	8	0730	U	62	107	11.8	5
850703	6	0745	U	64	54	2.0	5
850703	6	0745	U	65	45	.8	5
850703	6	0745	U	66	67	3.2	5
850703	6	0745	U	67	70	3.9	5
850703	6	0745	U	68	70	3.9	5
850703	6	0745	U	69	76	5.0	5
850703	6	0745	U	70	76	5.0	5
850703	6	0745	U	71	51	1.8	5
850703	6	0745	U	72	72	4.3	5
850703	6	0745	U	73	44	1.0	5
850703	6	0745	U	74	45	1.2	5
850703	6	0745	U	75	43	1.0	5
850703	6	0745	U	76	80	7.0	5
850703	6	0745	U	77	109	14.2	5
850703	6	0745	U	78	110	14.3	5
850703	6	0745	U	79	100	12.4	5
850703	6	0745	U	80	108	14.0	5
850703	4	0810	U	82	66	2.8	5
850703	4	0810	U	89	101	12.3	5
850703	4	0810	U	90	81	5.5	5
850703	4	0810	U	91	101	12.0	5
850703	4	0810	U	92	62	2.8	5
850703	4	0810	U	93	95	9.9	5
850703	4	0810	U	94	62	3.2	5
850703	4	0810	U	95	58	2.7	5
850703	4	0810	U	96	88	7.7	5
850703	4	0810	U	97	64	2.7	5
850703	4	0810	U	98	64	3.5	5
850703	5	0825	U	99	84	4.9	5
850703	5	0825	U	100	69	3.4	5
850703	5	0825	U	101	86	6.2	5
850703	5	0825	U	102	89	6.4	5
850703	25	0930	U	105	97	10.2	5
850703	25	0930	U	106	78	5.8	5
850703	25	0930	U	107	107	11.1	5
850703	25	0930	U	108	106	13.0	5
850703	25	0930	U	109	124	18.7	5
850703	25	0930	U	110	57	2.3	5
850703	241	1000	U	115	63	2.5	5
850703	241	1000	U	116	67	3.7	5
850703	241	1000	U	117	108	11.5	5
850703	241	1000	U	118	115	12.3	5
850703	241	1000	U	119	114	13.1	5
850703	241	1000	U	120	105	11.8	5
850703	241	1000	U	121	99	9.2	5
850703	23	1045	U	122	58	2.4	5
850703	23	1045	U	123	94	7.8	5
850703	23	1045	U	124	68	3.4	5
850703	23	1045	U	125	62	2.6	5
850703	23	1045	U	126	109	15.7	5
850703	23	1045	U	127	100	8.9	5
850703	23	1045	U	128	60	2.7	5
850703	23	1045	U	129	94	7.0	5
850703	23	1045	U	130	61	2.6	5
850703	23	1045	U	131	94	6.9	5
850703	292	1120	U	133	107	13.6	5
850703	292	1120	U	134	70	3.4	5
850703	292	1120	U	135	114	15.3	5

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850703	292	1120	U	136	80	4.9	5
850703	292	1120	U	137	101	10.5	5
850703	292	1120	U	138	114	18.2	5
850703	292	1120	U	139	64	3.4	5
850703	292	1120	U	140	61	1.8	5
850703	27	1320	U	145	60	2.5	5
850703	27	1320	U	146	63	2.4	5
850703	27	1320	U	147	62	2.7	5
850703	27	1320	U	148	113	16.5	5
850703	27	1320	U	149	66	3.4	5
850703	27	1320	U	150	102	10.2	5
850703	34	1400	U	151	109	12.1	5
850703	34	1400	U	152	110	14.1	5
850703	34	1400	U	153	89	7.1	5
850703	34	1400	U	154	104	10.6	5
850703	34	1400	U	155	90	5.7	5
850703	34	1400	U	156	72	3.7	5
850703	34	1400	U	157	65	3.0	5
850703	34	1400	U	158	55	2.0	5
850703	34	1400	U	159	54	1.6	5
850703	34	1400	U	160	66	1.7	5
850703	7	1435	U	161	100	10.9	5
850703	7	1435	U	162	103	11.0	5
850703	17	1500	U	163	58	2.2	5
850703	17	1500	U	164	53	1.6	5
850703	17	1500	U	165	49	1.4	5
850703	17	1500	U	166	68	3.2	5
850703	17	1500	U	167	49	1.3	5
850703	16	1505	U	168	107	13.1	5
850703	16	1505	U	169	94	8.9	5
850703	16	1505	U	170	107	12.5	5
850703	16	1505	U	171	100	10.7	5
850703	16	1505	U	172	101	10.3	5
850703	16	1505	U	173	70	4.2	5
850703	16	1505	U	174	53	1.4	5
850703	16	1505	U	175	57	2.1	5
850703	16	1505	U	176	62	2.5	5
850703	16	1505	U	177	53	1.4	5
850703	14	1515	U	177	53	2.0	5
850703	14	1515	U	178	57	2.5	5
850703	14	1515	U	179	43	1.1	5
850703	14	1515	U	180	57	2.4	5
850703	14	1515	U	181	43	.9	5
850703	151	1520	U	182	55	2.1	5
850703	151	1520	U	183	74	4.6	5
850703	151	1520	U	184	50	1.5	5
850703	151	1520	U	185	50	1.8	5
850703	151	1520	U	186	45	1.0	5
850703	151	1525	U	187	92	12.0	5
850703	151	1525	U	188	104	12.6	5
850703	151	1525	U	189	98	10.1	5
850703	151	1525	U	190	67	3.5	5
850703	151	1525	U	191	107	14.6	5
850703	151	1525	U	192	64	3.1	5
850703	151	1525	U	193	58	2.5	5
850703	151	1525	U	194	52	1.5	5
850703	151	1525	U	195	46	1.2	5
850703	151	1525	U	196	46	0.9	5
850703	18	1540	U	197	106	13.0	5
850703	18	1540	U	198	108	13.6	5
850703	18	1540	U	199	113	16.6	5
850703	18	1540	U	200	115	16.8	5
850703	18	1540	U	201	63	3.2	5
850703	18	1540	U	202	63	3.3	5
850703	18	1540	U	203	57	2.8	5
850703	18	1540	U	204	70	4.9	5
850703	18	1540	U	205	104	10.5	5
850703	18	1540	U	206	105	13.7	5
850703	18	1540	U	207	70	4.1	5
850703	11	1600	U	208	60	2.4	5
850703	11	1600	U	209	62	3.2	5
850703	11	1600	U	210	70	4.1	5
850703	11	1600	U	211	56	1.9	5
850703	11	1600	U	212	66	3.3	5
850704	4	0720	U	214	106	11.6	5
850716	4	1258	U	215	105	14.3	5
850716	4	1258	U	216	60	2.2	5
850716	4	1258	U	217	59	2.6	5
850716	4	1258	U	218	58	2.5	5
850716	4	1258	U	219	58	2.2	5
850716	4	1258	U	220	57	2.0	5
850716	21	1339	U	230	73	4.1	5
850716	21	1339	U	231	64	2.9	5
850716	21	1339	U	232	60	2.0	5
850716	21	1339	U	233	79	4.7	5
850716	21	1339	U	234	70	3.6	5
850717	7	0717	U	239	63	2.6	5
850717	7	0717	U	240	50	1.4	5
850717	7	0717	U	241	52	1.6	5
850717	7	0717	U	242	57	2.4	5
850717	7	0717	U	243	63	2.9	5
850717	23	0850	U	256	74	4.2	5
850717	23	0850	U	257	63	3.2	5
850717	23	0850	U	258	61	2.6	5
850717	23	0850	U	259	65	3.2	5
850717	23	0850	U	260	61	2.5	5
850717	7	1630	U	237	72	4.1	5
850718	20	0803	U	287	66	3.4	5
850718	20	0803	U	288	67	3.2	5
850718	20	0803	U	289	66	3.4	5

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850718	20	0803	U	290	66	3.8	5
850718	20	0803	U	291	52	2.2	5
850718	20	0803	U	292	68	3.9	5
850718	20	0803	U	293	65	3.5	5
850718	20	0803	U	294	71	4.2	5
850718	20	0803	U	295	57	2.6	5
850718	20	0803	U	296	80	5.4	5
850719	34	1340	U	296	54	2.0	5
850719	34	1340	U	297	48	1.0	5
850719	34	1340	U	298	50	1.4	5
850719	34	1340	U	299	57	2.1	5
850719	34	1340	U	300	52	1.6	5
850719	34	1340	U	301	99	12.0	5
850719	34	1340	U	302	92	8.1	5
850719	34	1340	U	303	105	12.6	5
850719	34	1340	U	304	100	9.9	5
850729	10	1320	U	305	105	13.2	5
850729	10	1320	U	306	109	14.7	5
850729	10	1320	U	307	120	19.9	5
850729	10	1320	U	308	114	17.2	5
850729	10	1320	U	309	117	20.1	5
850729	10	1320	U	310	112	14.9	5
850729	10	1320	U	311	113	16.1	5
850729	10	1320	U	312	101	12.4	5
850729	10	1320	U	313	100	11.4	5
850729	10	1320	U	314	75	5.0	5
850729	10	1320	U	315	71	4.4	5
850729	10	1320	U	316	69	3.8	5
850729	10	1320	U	317	67	3.7	5
850729	10	1320	U	318	60	2.8	5
850729	10	1320	U	319	60	2.9	5
850729	10	1320	U	320	62	3.0	5
850729	10	1320	U	321	58	2.5	5
850729	10	1320	U	322	54	2.1	5
850729	10	1320	U	323	51	1.7	5
850729	10	1320	U	324	51	2.2	5
850729	7	1340	U	331	135	30.6	5
850729	7	1340	U	332	119	18.8	5
850729	7	1340	U	333	102	12.7	5
850729	7	1340	U	334	95	8.8	5
850729	7	1340	U	335	106	11.8	5
850729	7	1340	U	336	95	8.6	5
850729	7	1340	U	337	87	7.5	5
850729	7	1340	U	338	75	5.1	5
850729	7	1340	U	339	77	4.3	5
850729	7	1340	U	340	59	2.3	5
850729	7	1340	U	341	55	2.0	5
850729	7	1340	U	342	53	1.8	5
850729	7	1340	U	343	51	1.4	5
850729	7	1340	U	344	50	1.5	5
850729	7	1340	U	345	52	1.7	5
850729	8	1345	U	346	114	16.0	5
850729	8	1345	U	347	113	12.5	5
850729	8	1345	U	348	96	9.7	5
850729	8	1345	U	349	66	3.7	5
850729	8	1345	U	350	66	3.6	5
850729	8	1345	U	351	64	3.5	5
850729	8	1345	U	352	66	2.8	5
850729	8	1345	U	353	62	3.1	5
850729	8	1345	U	354	63	3.2	5
850729	8	1345	U	355	60	2.8	5
850729	8	1345	U	356	59	2.5	5
850729	8	1345	U	357	50	1.8	5
850729	6	1400	U	358	139	40.1	5
850729	6	1400	U	359	139	38.6	5
850729	6	1400	U	360	124	29.4	5
850729	6	1400	U	361	127	27.9	5
850729	6	1400	U	362	124	25.5	5
850729	6	1400	U	363	122	24.3	5
850729	6	1400	U	364	121	23.6	5
850729	6	1400	U	365	118	18.6	5
850729	6	1400	U	366	103	13.5	5
850729	6	1400	U	367	92	9.6	5
850729	6	1400	U	368	97	11.9	5
850729	6	1400	U	369	79	6.3	5
850729	6	1400	U	370	73	4.4	5
850729	6	1400	U	371	81	6.6	5
850729	6	1400	U	372	71	4.9	5
850729	6	1400	U	373	72	4.7	5
850729	6	1400	U	374	73	4.1	5
850729	6	1400	U	375	69	3.7	5
850729	6	1400	U	376	64	3.3	5
850729	6	1400	U	377	53	1.6	5
850729	3	1420	U	382	111	15.5	5
850729	2	1435	U	383	99	9.4	5
850729	2	1435	U	384	85	6.4	5
850729	2	1435	U	385	77	5.8	5
850729	2	1435	U	386	69	3.1	5
850729	1	1445	U	387	115	16.6	5
850729	1	1445	U	388	105	13.3	5
850729	1	1445	U	389	106	17.1	5
850729	1	1445	U	390	118	17.7	5
850729	1	1445	U	391	116	18.1	5
850729	1	1445	U	392	109	13.7	5
850729	1	1445	U	393	115	15.9	5
850729	1	1445	U	394	96	9.4	5
850729	1	1445	U	395	97	6.9	5
850729	1	1445	U	396	73	4.6	5
850729	1	1445	U	397	66	4.6	5
850729	1	1445	U	398	76	4.6	5

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
850729	1	1445	U	399	66	3.3	5
850729	1	1445	U	400	65	3.3	5
850729	1	1445	U	401	72	4.1	5
850729	1	1445	U	402	61	3.4	5
850729	1	1445	U	403	62	3.2	5
850729	1	1445	U	404	61	2.6	5
850729	1	1445	U	405	113	17.7	5
850729	4	1500	U	419	112	16.1	5
850729	4	1500	U	420	90	8.0	5
850729	4	1500	U	421	91	8.2	5
850729	4	1500	U	422	101	11.3	5
850729	4	1500	U	423	76	5.0	5
850729	4	1500	U	424	70	3.9	5
850729	4	1500	U	425	67	3.1	5
850729	4	1500	U	426	62	3.1	5
850729	4	1500	U	427	69	3.1	5
850729	4	1500	U	428	75	4.7	5
850729	4	1500	U	429	59	2.5	5
850729	4	1500	U	430	63	2.8	5
850729	20	1515	U	431	129	20.4	5
850729	20	1515	U	432	116	15.2	5
850729	20	1515	U	433	119	15.3	5
850729	20	1515	U	434	115	14.0	5
850729	20	1515	U	435	107	13.0	5
850729	20	1515	U	436	94	8.8	5
850729	20	1515	U	437	100	9.2	5
850729	20	1515	U	438	82	5.5	5
850729	20	1515	U	439	87	6.6	5
850729	20	1515	U	440	84	6.2	5
850729	20	1515	U	441	81	5.4	5
850729	20	1515	U	442	75	4.6	5
850729	20	1515	U	443	81	6.0	5
850729	20	1515	U	444	67	3.0	5
850729	20	1515	U	445	67	3.2	5
850729	20	1515	U	446	64	2.7	5
850729	20	1515	U	447	67	3.2	5
850729	21	1535	U	450	50	35.3	5
850729	21	1535	U	451	106	9.5	5
850729	21	1535	U	452	97	8.9	5
850729	21	1535	U	453	101	9.6	5
850729	21	1535	U	454	82	4.8	5
850729	21	1535	U	455	84	5.4	5
850729	21	1535	U	456	72	3.9	5
850729	21	1535	U	457	68	3.0	5
850729	28	1615	U	458	101	8.5	5
850729	28	1615	U	459	77	4.2	5
850729	28	1615	U	460	74	4.1	5
850729	27	1630	U	461	85	5.7	5
850729	27	1630	U	462	74	4.1	5
850729	27	1630	U	463	65	2.4	5

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
850730	21	0900	U	465	149	38.9	5
850730	21	0900	U	466	128	25.7	5
850730	21	0900	U	467	116	16.8	5
850730	21	0900	U	468	118	18.1	5
850730	21	0900	U	469	87	6.5	5
850730	292	0930	U	481	135	22.0	5
850730	292	0930	U	482	123	17.9	5
850730	292	0930	U	483	124	16.8	5
850730	292	0930	U	484	116	13.4	5
850730	292	0930	U	485	110	13.4	5
850730	292	0930	U	486	107	11.8	5
850730	292	0930	U	487	101	9.6	5
850730	292	0930	U	488	93	8.6	5
850730	292	0930	U	489	80	5.0	5
850730	292	0930	U	490	83	5.6	5
850730	292	0930	U	491	76	4.5	5
850730	292	0930	U	492	81	5.5	5
850730	292	0930	U	493	74	3.7	5
850730	292	0930	U	494	75	8.9	5
850730	292	0930	U	495	72	3.6	5
850730	292	0930	U	496	79	3.8	5
850730	292	0930	U	497	75	3.9	5
850730	292	0930	U	498	71	3.7	5
850730	292	0930	U	499	75	4.0	5
850730	292	0930	U	500	69	3.8	5
850730	292	0930	U	501	65	2.5	5
850730	28	1010	U	502	115	14.5	5
850730	28	1010	U	503	107	10.0	5
850730	28	1010	U	504	123	17.3	5
850730	28	1010	U	505	103	11.1	5
850730	28	1010	U	506	113	13.1	5
850730	28	1010	U	507	105	10.2	5
850730	28	1010	U	508	97	8.1	5
850730	28	1010	U	509	100	7.9	5
850730	28	1010	U	510	95	7.8	5
850730	28	1010	U	511	95	7.6	5
850730	28	1010	U	512	74	4.5	5
850730	28	1010	U	513	80	5.3	5
850730	28	1010	U	514	85	5.6	5
850730	28	1010	U	515	78	4.4	5
850730	28	1010	U	516	71	3.6	5
850730	28	1010	U	517	71	3.4	5
850730	28	1010	U	518	72	3.2	5
850730	28	1010	U	519	75	4.1	5
850730	28	1010	U	520	62	2.6	5
850730	23	1045	U	521	104	10.4	5
850730	23	1045	U	522	91	6.1	5
850730	23	1045	U	523	94	7.8	5
850730	23	1045	U	524	75	4.3	5
850730	23	1045	U	525	72	3.6	5

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
850730	23	1045	U	526	72	3.5	5
850730	23	1045	U	527	71	3.2	5
850730	23	1045	U	528	73	3.3	5
850730	241	1120	U	529	92	6.4	5
850730	24	1125	U	530	111	13.4	5
850730	24	1125	U	531	100	7.8	5
850730	24	1125	U	532	104	10.7	5
850730	24	1125	U	533	99	8.4	5
850730	24	1125	U	534	102	9.4	5
850730	24	1125	U	535	107	10.5	5
850730	24	1125	U	536	93	7.3	5
850730	24	1125	U	537	91	7.6	5
850730	24	1125	U	538	92	7.3	5
850730	24	1125	U	539	91	6.4	5
850730	34	1300	U	540	85	6.7	5
850730	34	1300	U	541	74	4.3	5
850730	34	1300	U	542	75	4.8	5
850730	34	1300	U	543	80	5.8	5
850730	34	1300	U	544	86	6.9	5
850730	34	1300	U	545	78	5.4	5
850730	34	1300	U	546	70	3.6	5
850730	34	1300	U	547	73	4.2	5
850730	34	1300	U	548	70	3.5	5
850730	34	1300	U	549	71	3.7	5
850730	34	1300	U	550	56	2.1	5
850730	17	1415	U	555	75	4.6	5
850730	17	1415	U	556	70	4.1	5
850730	16	1415	U	559	84	6.9	5
850730	16	1415	U	560	71	4.3	5
850730	16	1415	U	561	68	3.5	5
850730	16	1415	U	562	71	4.4	5
850730	16	1415	U	563	66	3.5	5
850730	16	1415	U	564	68	3.4	5
850730	16	1415	U	565	73	4.5	5
850730	16	1415	U	566	69	4.1	5
850730	16	1415	U	567	75	5.1	5
850730	16	1415	U	568	61	2.7	5
850730	18	1550	U	557	85	6.9	5
850730	18	1550	U	558	70	4.5	5
850731	7	1000	U	570	69	3.2	5
850731	7	1000	U	571	64	2.7	5
850813	47	1410	U	1	67	2.7	5
850813	10	1430	U	13	116	19.8	5
850813	10	1430	U	14	115	19.8	5
850813	10	1430	U	15	107	14.2	5
850813	10	1430	U	16	113	15.2	5
850813	10	1430	U	17	99	12.8	5
850813	10	1430	U	18	94	9.9	5
850813	10	1430	U	19	85	7.1	5
850813	10	1430	U	20	79	5.8	5
850813	10	1430	U	21	75	4.6	5
850813	7	1445	U	22	106	15.1	5
850813	7	1445	U	23	109	17.1	5
850813	7	1445	U	24	100	11.1	5
850813	7	1445	U	25	108	17.1	5
850813	7	1445	U	26	110	15.9	5
850813	7	1445	U	27	85	7.1	5
850813	7	1445	U	28	91	8.8	5
850813	7	1445	U	29	96	10.9	5
850813	7	1445	U	30	114	15.2	5
850813	7	1445	U	31	94	10.3	5
850813	7	1445	U	32	67	3.5	5
850813	7	1445	U	33	63	2.8	5
850813	7	1445	U	34	66	3.6	5
850813	7	1445	U	35	62	3.1	5
850813	7	1445	U	36	67	3.4	5
850813	7	1445	U	37	59	2.5	5
850813	7	1445	U	38	60	2.7	5
850813	8	1500	U	39	95	10.6	5
850813	8	1500	U	40	92	9.6	5
850813	8	1500	U	41	77	5.5	5
850813	8	1500	U	42	70	3.8	5
850813	8	1500	U	43	63	3.4	5
850813	8	1500	U	44	61	3.1	5
850813	8	1500	U	45	54	1.9	5
850813	6	1515	U	46	133	30.6	5
850813	6	1515	U	47	113	19.8	5
850813	6	1515	U	48	112	17.9	5
850813	6	1515	U	49	104	14.8	5
850813	6	1515	U	50	103	14.8	5
850813	6	1515	U	51	106	15.3	5
850813	6	1515	U	52	107	15.9	5
850813	6	1515	U	53	103	14.5	5
850813	6	1515	U	54	82	6.9	5
850813	6	1515	U	55	89	8.8	5
850813	6	1515	U	56	84	7.6	5
850813	6	1515	U	57	73	4.9	5
850813	6	1515	U	58	77	5.5	5
850813	6	1515	U	59	88	8.5	5
850813	6	1515	U	60	87	7.5	5
850813	6	1515	U	61	87	8.5	5
850813	6	1515	U	62	80	6.4	5
850813	6	1515	U	63	72	5.4	5
850813	6	1515	U	64	68	4.1	5
850814	21	0800	U	66	109	11.5	5
850814	21	0800	U	67	115	15.5	5
850814	21	0800	U	68	112	15.3	5
850814	21	0800	U	69	122	21.1	5
850814	21	0800	U	70	132	22.4	5
850814	21	0800	U	71	108	13.8	5

DATE	STN	TIME PST		FISH NUMB	LEN MM	WT G	SP
850814	21	0800	U	72	100	11.7	5
850814	21	0800	U	73	111	12.7	5
850814	21	0800	U	74	109	14.8	5
850814	21	0800	U	75	107	12.8	5
850814	27	1025	U	79	119	16.3	5
850814	27	1025	U	80	118	15.7	5
850814	27	1025	U	81	122	15.7	5
850814	27	1025	U	82	103	12.1	5
850814	27	1025	U	83	94	8.9	5
850814	27	1025	U	84	93	8.5	5
850814	27	1025	U	85	102	11.4	5
850814	27	1025	U	86	86	7.8	5
850814	27	1025	U	87	91	7.9	5
850814	27	1025	U	88	93	7.6	5
850814	27	1025	U	89	73	3.8	5
850814	27	1025	U	90	72	4.0	5
850814	4	1140	U	99	100	11.5	5
850814	4	1140	U	100	106	13.5	5
850814	4	1140	U	101	106	14.1	5
850814	4	1140	U	102	103	12.2	5
850814	4	1140	U	103	88	7.6	5
850814	4	1140	U	104	100	13.1	5
850814	4	1140	U	105	91	7.8	5
850814	4	1140	U	106	95	9.6	5
850814	4	1140	U	107	76	4.9	5
850814	4	1140	U	108	72	3.8	5
850814	1	1155	U	109	140	25.8	5
850814	1	1155	U	110	113	15.5	5
850814	1	1155	U	111	87	6.1	5
850814	1	1155	U	112	74	4.2	5
850814	1	1155	U	113	81	4.7	5
850814	21	1400	U	129	76	4.6	5
850814	21	1400	U	130	76	4.8	5
850814	21	1400	U	131	67	2.9	5
850814	2	1405	U	114	115	17.2	5
850814	2	1405	U	115	111	12.9	5
850814	2	1405	U	116	108	13.1	5
850814	2	1405	U	117	109	11.9	5
850814	2	1405	U	118	97	8.3	5
850814	2	1405	U	119	79	4.7	5
850814	2	1405	U	120	80	5.3	5
850814	2	1405	U	121	90	7.2	5
850814	2	1405	U	122	81	5.2	5
850814	2	1405	U	123	76	3.9	5
850814	2	1405	U	124	88	6.6	5
850814	2	1405	U	125	86	6.2	5
850814	2	1405	U	126	85	5.3	5
850814	2	1405	U	127	88	7.1	5
850814	18	1430	U	132	95	9.7	5
850814	18	1430	U	133	90	8.2	5
850814	18	1430	U	134	93	9.2	5
850814	18	1430	U	135	86	7.7	5
850814	18	1430	U	136	84	7.6	5
850814	18	1430	U	137	86	7.8	5
850814	18	1430	U	138	79	5.5	5
850814	18	1430	U	139	82	6.4	5
850814	15	1445	U	140	91	7.8	5
850814	15	1445	U	141	75	4.4	5
850814	15	1445	U	142	79	5.6	5
850814	15	1445	U	143	72	3.8	5
850814	14	1450	U	144	78	5.2	5
850814	111	1505	U	145	86	6.1	5
850814	111	1505	U	146	91	7.4	5
850814	111	1505	U	147	83	5.3	5
850814	111	1505	U	148	81	5.5	5
850814	111	1505	U	149	79	5.4	5
850814	111	1505	U	150	74	4.1	5
850814	111	1505	U	151	68	3.2	5
850814	1	1610	U	152	106	12.7	5
850814	1	1610	U	153	97	9.6	5
850814	1	1610	U	154	72	3.8	5
850814	1	1610	U	155	66	3.4	5
850814	1	1610	U	156	62	2.7	5
850814	21	1640	U	157	93	7.7	5
850814	21	1640	U	158	81	5.3	5
850815	241	0935	U	160	104	7.6	5
850815	24	1010	U	161	130	22.8	5
850815	24	1010	U	162	131	22.6	5
850815	24	1010	U	163	129	19.1	5
850815	24	1010	U	164	120	15.6	5
850815	24	1010	U	165	115	15.3	5
850815	24	1010	U	166	105	11.6	5
850815	24	1010	U	167	100	8.7	5
850815	24	1010	U	168	97	8.3	5
850815	24	1010	U	169	92	7.6	5
850815	24	1010	U	170	92	7.1	5
850815	24	1010	U	171	95	8.2	5
850815	24	1010	U	172	99	8.5	5
850815	24	1010	U	173	86	5.9	5
850815	24	1010	U	174	90	6.3	5
850815	25	1045	U	176	107	10.9	5
850815	25	1045	U	177	81	5.1	5
850815	25	1045	U	178	82	4.6	5
850815	25	1045	U	179	84	4.5	5
850815	25	1045	U	180	76	3.5	5
850815	25	1045	U	181	68	2.4	5
850815	25	1045	U	182	62	1.8	5
850815	34	1155	U	183	80	4.5	5
850815	5	1225	U	184	146	32.1	5
850815	5	1225	U	185	117	15.3	5

DATE	STN	TIME PST	FISH NUMB	LEN MM	WT G	SP
850815	5	1225	U 186	131	32.5	5
850815	5	1225	U 187	129	22.1	5
850815	5	1225	U 188	128	23.2	5
850815	5	1225	U 189	121	18.6	5
850815	5	1225	U 190	114	12.8	5
850815	5	1225	U 191	108	15.1	5
850815	5	1225	U 192	98	9.9	5
850815	5	1225	U 193	97	10.1	5
850815	5	1225	U 194	82	5.5	5
850815	5	1225	U 195	84	6.1	5
850815	5	1225	U 196	85	6.3	5
850815	5	1225	U 197	90	7.4	5
850815	5	1225	U 198	81	5.3	5
850815	5	1225	U 199	89	7.1	5
850815	16	1345	U 206	81	5.8	5
850815	16	1345	U 207	85	6.8	5
850815	16	1345	U 208	82	6.3	5
233815	16	1345	U 209	90	7.6	5
850815	16	1345	U 210	86	6.9	5
850815	16	1345	U 211	72	4.1	5
850815	16	1345	U 212	80	6.2	5
850815	16	1345	U 213	89	7.7	5
850815	16	1345	U 214	81	6.1	5
850815	16	1345	U 215	78	4.7	5
850815	16	1345	U 216	77	4.9	5
850815	16	1345	U 217	83	6.3	5
850815	16	1345	U 218	72	4.1	5
850815	16	1345	U 219	70	3.8	5
850815	16	1345	U 220	71	4.2	5
850815	16	1345	U 221	75	4.7	5
850827	7	1405	U 222	83	5.6	5
850827	7	1405	U 223	90	7.5	5
850827	6	1440	U 227	132	26.3	5
850827	6	1440	U 228	107	14.1	5
850827	6	1440	U 229	105	13.4	5
850827	6	1440	U 230	109	14.1	5
850827	6	1440	U 231	99	9.8	5
850827	6	1440	U 232	108	11.9	5
850827	6	1440	U 233	109	13.4	5
850827	6	1440	U 234	95	7.7	5
850827	6	1440	U 235	78	5.1	5
850827	6	1440	U 236	80	5.6	5
850827	4	1455	U 237	145	34.6	5
850827	4	1455	U 238	116	16.4	5
850827	4	1455	U 239	89	7.2	5
850827	4	1455	U 240	80	4.9	5
850827	4	1455	U 241	72	4.1	5
850827	4	1455	U 242	76	4.8	5
850827	4	1455	U 243	76	4.9	5
850828	5	0835	U 244	101	9.8	5
850828	5	0835	U 245	97	8.7	5
850828	5	0835	U 246	104	9.6	5
850828	5	0835	U 247	87	5.5	5
850828	5	0835	U 248	94	7.6	5
850828	5	0835	U 249	95	7.3	5
850828	5	0835	U 250	91	7.1	5
850828	5	0835	U 251	90	6.8	5
850828	5	0835	U 252	92	6.5	5
850828	5	0835	U 253	88	5.6	5
850828	241	0935	U 254	107	8.4	5
850522	4	1255	U 226	39	0.5	2
850522	4	1255	U 227	39	0.5	2
850522	4	1255	U 228	42	0.8	5
850522	4	1255	U 229	49	1.1	5
850522	4	1255	U 230	36	0.5	2
850522	4	1255	U 231	44	0.8	5
850522	4	1255	U 232	36	0.5	2
850522	4	1255	U 233	35	0.4	2
850522	4	1255	U 234	115	-9	4
850522	4	1255	U 235	130	-9	4
850522	4	1255	U 236	135	-9	4
850522	4	1255	U 237	135	-9	4
850522	4	1255	U 238	120	-9	4
850522	4	1255	U 239	45	0.9	5
850522	4	1255	U 240	41	0.8	5
850522	4	1255	U 241	46	1.1	5
850522	4	1255	U 242	54	1.8	5
850522	4	1255	U 243	48	1.4	5
850522	4	1255	U 244	55	2.0	5
850522	4	1255	U 245	45	1.1	5
850522	4	1255	U 246	40	0.8	5
850522	4	1255	U 247	44	1.1	5
850522	4	1255	U 248	36	0.6	5
850522	4	1255	U 249	38	0.6	5
850522	4	1255	U 250	41	0.7	5
850522	5	1320	U 251	135	-9	4
850522	5	1320	U 252	150	-9	4
850522	5	1320	U 253	115	-9	4
850522	5	1320	U 254	50	1.4	5
850522	5	1320	U 255	45	1.1	5
850522	5	1320	U 256	44	1.2	5
850522	5	1320	U 257	125	-9	4
850522	5	1320	U 258	50	1.4	5
850522	5	1320	U 259	42	0.9	5
850522	5	1320	U 260	45	1.2	5
850522	5	1320	U 261	44	0.9	5
850522	5	1320	U 262	46	1.3	5
850522	5	1320	U 263	44	1.1	5
850522	5	1320	U 264	42	0.8	5

Figure 1. Chart of the Campbell River estuary showing stations where beach seining was conducted in 1985.

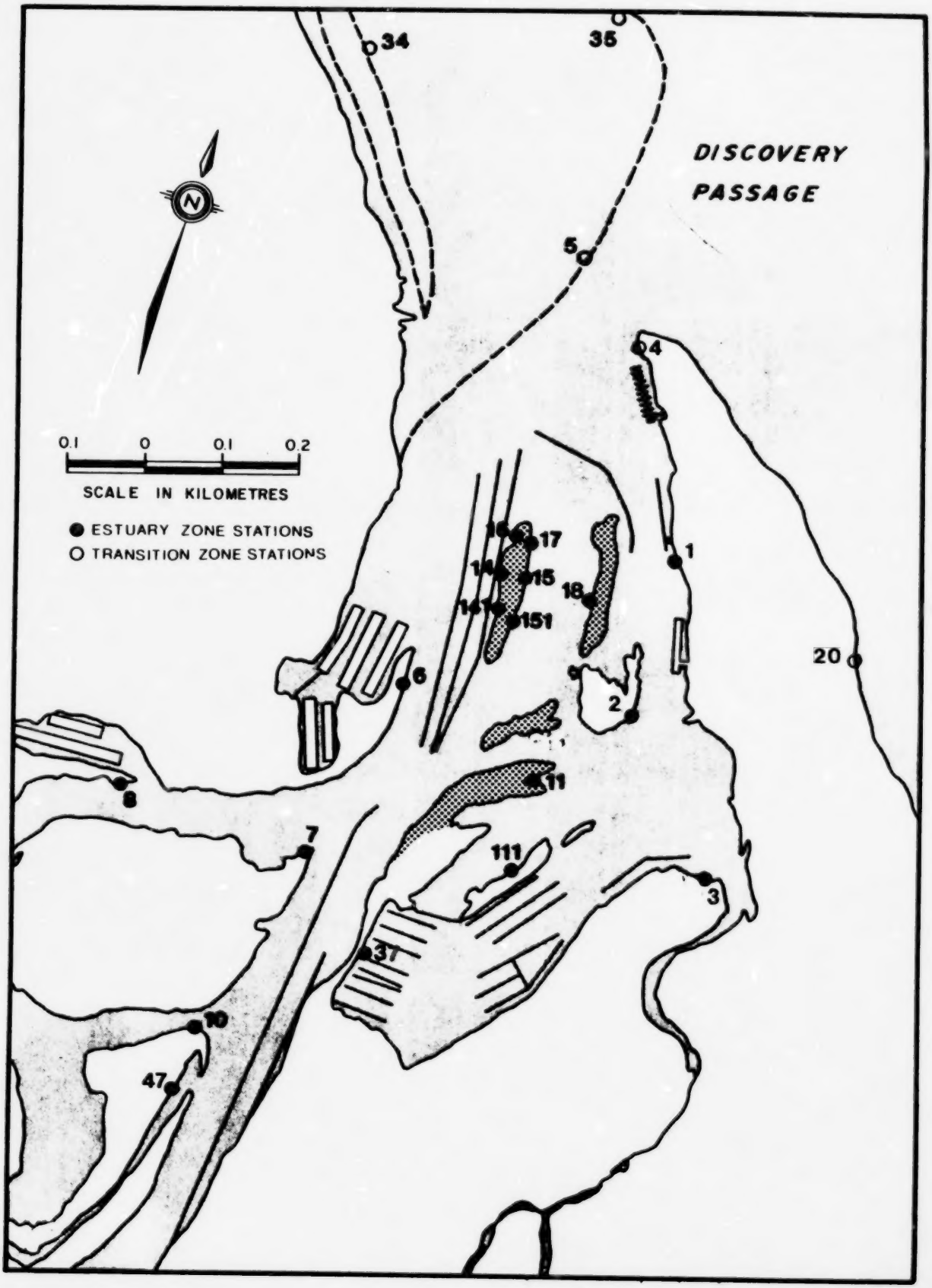
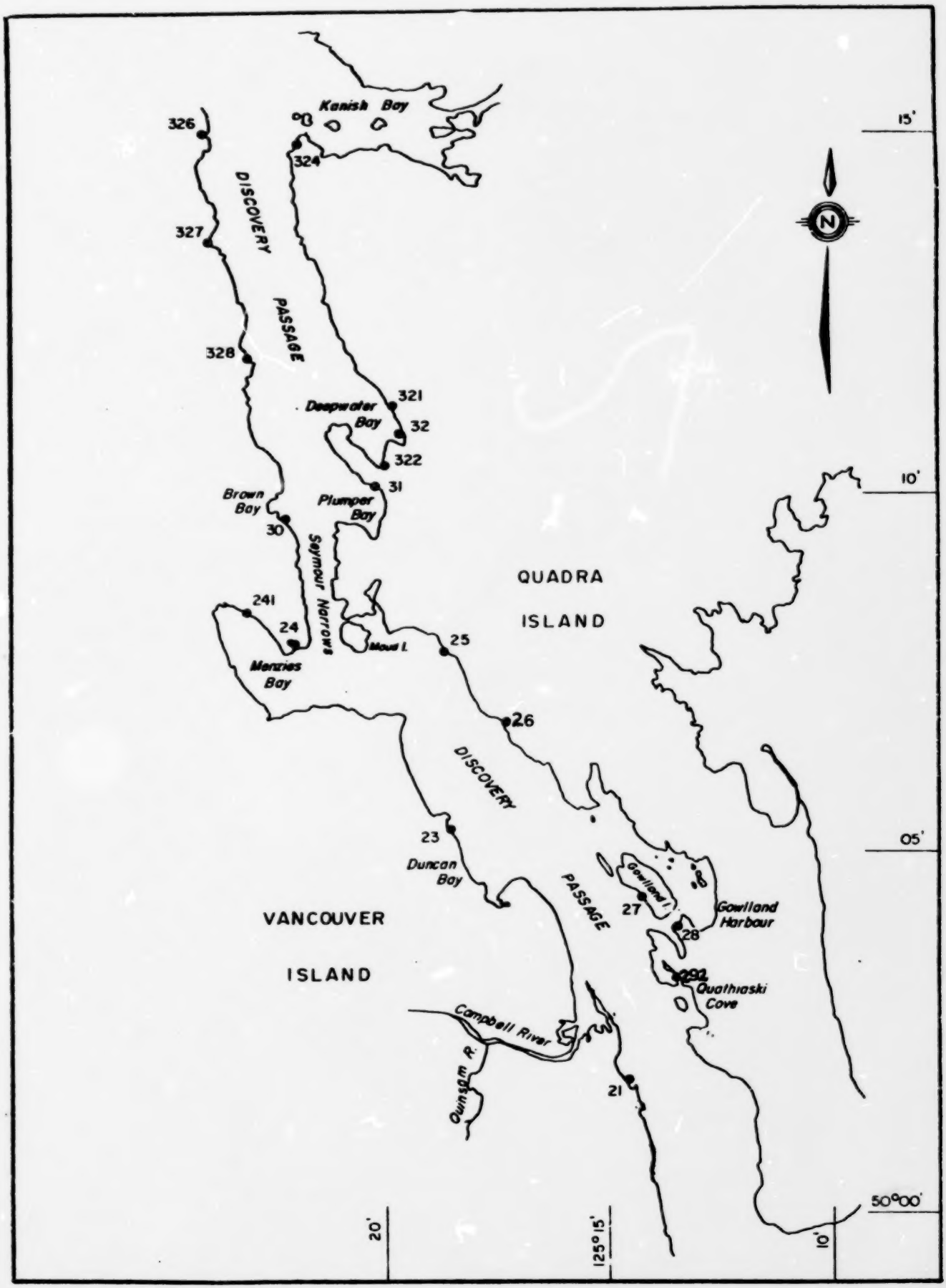

34
35
DISCOVERY
PASSAGE
5
4
0.1 0 0.1 0.2
SCALE IN KILOMETRES
ESTUARY ZONE STATIONS
TRANSITION ZONE STATIONS
16
17
1
14
15
18
141
151
20
6
2
11
8
7
111
3
31
10
47

Figure 2. Chart of Discovery Passage showing stations where beach seining was conducted in 1985.


Kanish Bay
326
324
DISCOVERY PASSAGE
327
328
Deepwater Bay
321
32
322
Brown Bay
Plumper Bay
31
30
Seymour Narrows
241
24
Menzies Bay
Maud I.
25
QUADRA ISLAND
26
DISCOVERY PASSAGE
23
Duncan Bay
VANCOUVER ISLAND
Gowlland I.
27
28
Gowlland Harbour
292
Quathiaski Cove
Campbell River
Quinsam R.
21
15'
10'
05'
50°00'
20'
125°15'
10'
N